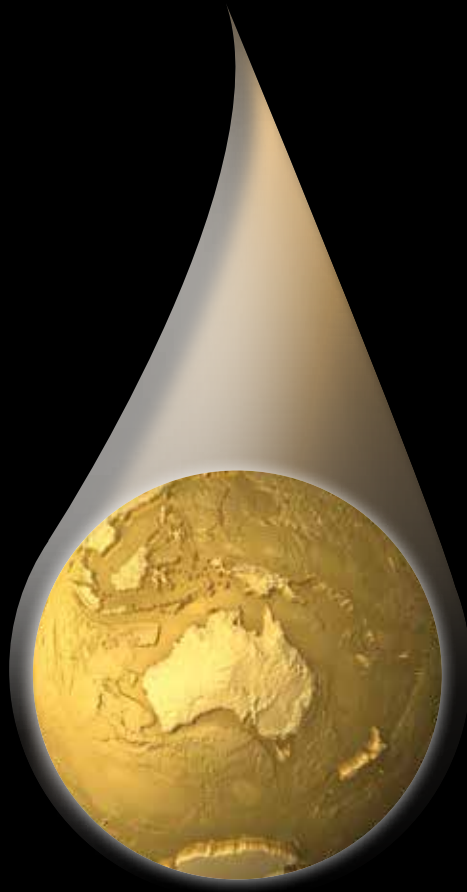




A Better Class of Oil



# INDUSTRIAL DIVISION

Proudly Australian since 1926

APRIL 2015

Proudly Australian Since 1926



A Better Class of Oil



The name known and trusted for automotive lubricants is now  
**A Better Class of Industrial Lubricants.**

FORESTRY | POWER GENERATION | MINING | DEFENCE | OIL & GAS | MARINE



- Experienced Staff
- Local Manufacture
- Country-wide logistics
- ISO Accredited



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## A Better Class of Oil for 88 years...

## Penrite History

From small beginnings in 1926, Les Mecoles founded Penrite Oil Company, soon purchasing his first factory in Melbourne, Australia, manufacturing high quality lubricants from Pennsylvania base stocks, regarded at the time as the best in the world.

Driven by his "every product, every application, every customer" philosophy John expanded and developed the capabilities and capacity of the business to produce specific products for any market, effectively ensuring Penrite has every industry segment covered.

In 1979, due to ill health, Les sold the company to John Dymond, Lubrizol's Australian National Sales Manager, a mechanical engineer by trade and a car enthusiast at heart, who rapidly expanded the Penrite range of products. John's technical background and commitment to quality ensured that Penrite continued to produce the highest quality product for every application and this philosophy, implemented by John in 1979, remains a core value of the company to this day.

Supported by the largest range of speciality products and all backed up with a 100% product guarantee, John established a product range and brand that is, today, synonymous for its high quality and reliability.

For 88 years Penrite has been family owned and managed. Today, Toby and Nigel Dymond manage this World Wide business from Melbourne, Australia, taking John's technical knowledge, his passion and his philosophy forward into the future.

Establishing Team Penrite in the early 80's, John was able to complete all the R & D requirements for his products on the race track, not only with cars, but also bikes, karts and trucks!



## Our Vision & Mission

**Vision:** To deliver innovative and tailored lubricant products and services to our customers globally.

**Mission:** To partner with our customers to deliver sustainable and long term growth through our passion and commitment to excellent service, delivery and product quality.

## Company Information

Penrite Oil Company Pty Ltd is one of the largest independent oil blenders and marketers in Australia. We are a 100% Australian, family owned business with over 88 years of industry experience.

Our Head Office is in Wantirna South, Melbourne, the capital of Victoria, Australia. Our main markets are in Australia, New Zealand & United Kingdom. In addition we sell our products in Europe, Asia and America.

The Penrite logo has become synonymous with high quality lubricants. Over the last 88 years and especially in the past 25 years, we have built a reputation for reliable products that meet the latest industry specifications.

### At a Glance

- Number of Employees: 125+
- Number of Direct Customers: 3000+
- Blending Plants: 3  
Our Australian plants are located to provide ready access to sea and air shipping.
- Current blending Capacity:  
Over 30,000,000L pa but continually expanding

- Blending Method: Hot blending
- Package Filling: 25mL, 50mL, 250mL, 500mL, 1L, 2.5L, 4L, 5L, 6L, 10L, 20L, 60L, 205L, 1000L and Bulk
- Exports to Europe, North America, New Zealand and Asia
- Over 150 product lines
- Toll Blending Capability
- ISO 9001 Accredited Company



\*Source: 2010 IMRAS LUBES AND ADDITIVES SURVEY

Penrite blend and market a wide range of lubricants and we are continuously developing our range. We have strong international technology partners from all over the globe which allows us to offer products to suit most applications.

The Penrite Brand

Our logo has evolved over the years to its current form to emulate our motto

“Penrite - A Better Class of Oil”



A Better Class of Oil

Penrite has a number of products that are approved by major manufacturers or registered with industry bodies. Below are examples of some of our many approvals.

Approvals

The collage displays four technical approval documents:

- Cummins:** A letter of approval for Penrite Oils Company Pty Limited, dated 24 November 1988, regarding conformance to CES 2001 Engine Oil Specification.
- Wartsila NSD:** A letter of approval for CEPLA Lubricants S.A., dated 24 November 1988, regarding a Volvo engine lubricating oil.
- Volvo:** A document titled "VOLVO 870-417-0004 Approval request" with a table of data supplied by requesting companies.
- Mercedes-Benz:** A document titled "Mercedes-Benz Approval (1993-1995)" with a table of data supplied by requesting companies.

## Our Business Partners

Penrite believes that our business partners are one of the keys to our success. Our commitment is to treat all suppliers, customers, and other partners in our business ethically, honestly, and with respect.

Penrite have long established key partnerships with major international suppliers in the oil industry to ensure access to the latest technology and specialised lubricants and related products. We work closely with our supply partners to continually maintain our leading edge technology and our premium quality Brand position and to ensure reliability of supply at all times.

From the perspective of our customers, our philosophy is that while every customer is a partner with us in the joint success of our businesses, each has specific needs and must be treated individually. A "one offer fits all" approach will not permit our customers to maximise the potential of their oil business with us.

Our approach to implementing this philosophy is to provide a higher level of customer support, field support and technical support than our competitors to ensure that tailored solutions are agreed and implemented. This includes an agreed product range and service offer that is continually reviewed for its applicability and effectiveness. We also ensure compliance with each customer's requirements in regard to Occupational Health and Safety and the Environment.

## Our Staff

Our commitment is not just to our Customers. It is also to our Staff.

Our people are the face of our Company and are entrusted to implement, reinforce and represent our company philosophies.

We are committed to providing a workplace environment that is:

- Occupational Health and Safety Compliant
- Environmentally Compliant



We encourage continual personal and professional development through internal and external training programs in the areas of:

- Product Knowledge
- Career Development
- Mentoring Programs
- Personal Development

Our desire is for all staff members to be a part of the Penrite family.

## What is Penrite Industrial Division?

Penrite Industrial Division (PID) consists of a team of dedicated lubricants professionals who provide focused and specialist support to the Industrial Market Sector.

This team has over 50 years of experience from within the lubricants industry coming not only from within Penrite but also from companies such as BP, Castrol and Caltex.

The teams focus is to assist you our valued Penrite Customer with making well informed decisions on your lubricants needs and these include:

- On site visits ensuring you are fully informed on all the performance benefits of Penrite Technology
- Lubrication Surveys ensuring the right oil is used and that products are rationalised to reduce mis-application
- Creation of bespoke products for specific applications
- Tailored technical solutions based on in depth mechanical understanding
- Delivery solutions
- Product and Product Application knowledge

We also draw on the experienced staff of our operation in the United Kingdom adding further Global oil industry experience as well as many years of on-site operational experience.

## What Products are Available?

Penrite have a large variety of products available “off the shelf” to suit many applications as well as having key International sourcing partners to ensure that the needs of the customer are fulfilled.

Penrite are an authorised reseller of CEPESA lubricants, adding a large range of specialised industrial products to our armoury. CEPESA is Spain's fourth largest industrial group in terms of turnover, and has also been in the market for more than 80 years.

Products from both ranges also carry full OEM (Original Equipment Manufacturer) approvals for OEM warranty applications.

Penrite also offer a Used Oil Analysis service for in-service condition monitoring and our Team can assist you to interpret these results.



## Can't find your Product?

No problem.

Penrite have technology partners around the globe where we are able to source and develop lubricants for your needs enabling us to match the "major oil companies" but with greater flexibility and customer focus.

Our supplier and technology network covers the USA, South East Asia, the UK, Spain and The Netherlands. It has been built up over many years and we have very strong partnerships with many companies.

While Penrite have a large variety of products available "off the shelf" to suit many applications, no company can offer 100% of all lubrication needs, but at Penrite we endeavour to provide as much as we can as a "Better Class of Oil".

### Online

Our innovative web page is the hub for Penrite Information and advice integrating with our Facebook page. Penrite customers have the opportunity to participate in two way interaction with Penrite experts.

The Penrite Oil website is an invaluable resource for all customers and end users. It provides detailed information on the Penrite product range, a bulletin board for technical and industry updates, a user friendly recommendation guide, and a portal for the Penrite Top Class on-line ordering system.





Having the right product for the right application is nowadays critical to the customer and to Penrite. We have an extensive database of equipment to enable the correct product to be selected.

This is accessible in many ways:

## Self Service

- Web Based Recommendation Guide
- Printed Recommendation Guide
- Mobile Guide available from your smart phone application
- Technical bulletins

or

## Talk to us

The Technical Services Hotline is available 7 days a week and is based in Melbourne Australia. Our Technical Services Experts have extensive experience and knowledge of lubricants and applications. They also have access to additional resources for the less commonly available or even historical equipment as well as product equivalents.

Help Line: 1300 PENRITE (1300 736 748), (+613 9801 0877 International) or you can email us at [lubetech@penriteoil.com](mailto:lubetech@penriteoil.com)

Other Technical Services offered to all customers include:

- Lubrication Surveys
- Client Data Base Updates
- Safety Data Sheets
- Product Training





A Better Class of Oil



# Industrial Sectors

FORESTRY | POWER GENERATION | MINING | DEFENCE | OIL & GAS | MARINE

## Forestry and Related Industries

The process from logging to the finished products requires a wide range of lubricants whether they are conventional mineral, synthetic or even biodegradable products. Penrite and its partners can offer solutions to many of these requirements that suit your business.

Below is a snapshot of the various applications for Penrite lubricants that are more specific to the Forestry industry.

### Hydraulics

Mineral	Indus Pro Hydraulic 10/32/46/68, Indus HV 32/46/68/100, Indus MR 46/68, Fleet-Gear 10
Synthetic	Indus Compressor Oil 4KH and 8KH Range
Biodegradable	CEPSA BIO Oil HM-S 46/68, Nyco Hydrauncoil FH 4551

### Chain Oils

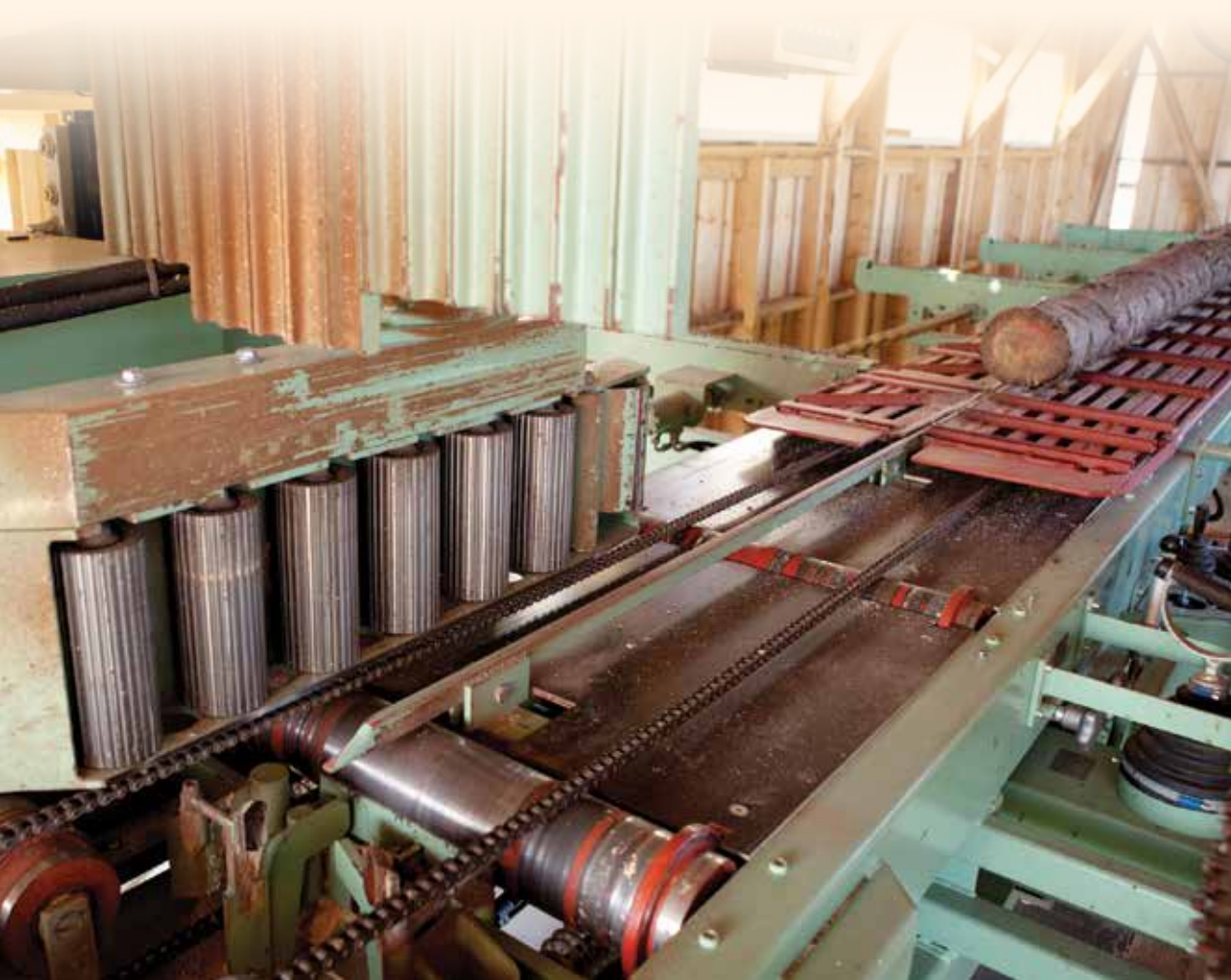
Mineral	Chain Saw Bar (ISO 100), Rockslide 320
Biodegradable	Contact your Penrite representative for details

### Gear Oils

Mineral	Indus Gear Oil EP 68/150/220/320/460/680, Indgear MP90
Mineral - Emulsifiable	Indus Gear Oil EJ 220/460
Mineral - Heat/Long Life	Indus Indgear B 220/320/460
Semi Synthetic	Marine Gear Oil SS150 and SS300
Synthetic	Gear Oil Syn 220

### Heat Transfer

Mineral	HTO 32, 68 Plus, 100
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## Power Generation and Pumping

These industries require many of the same products and services. The engines that provide the power generation are for example, also used to drive pumps on gas line transmissions lines. Turbines come in many sizes and types and use a wide variety of fuels.

So whether your equipment is powered by gas (sweet or sour natural, biogas, landfill gas) or liquid fuel (diesel or kerosene type) or steam driven, Penrite can supply the products you need, not only for the sumps but also the control units and generators.

### Product Snapshot:

#### Reciprocating Engines

##### Crankcase Oil

Diesel

Diesel HD, Diesel FX, Enviro Plus 10W-40, Mono 30 to 50  
Contact your Penrite representative for details on  
railroad/marine derived

Sweet Natural Gas

NGEO LA, NGEO Ashless, NGEO HD, NGEO TG

Biogas

NGEO HD, NGEO TG

Landfill Gas

NGEO TG, NGEO HD

Cooling Systems

Heavy Duty EC-01 Anti Freeze Anti Boil Coolant

#### Turbines

Steam

Indus TM

Gas

Contact your Penrite representative for details

Wind

CEPSA Aerogear and Aerogear Synt

Aviation Derived

Nyco Turbonycoil 600\*

#### Hydraulics

Governors

Indus Pro Hydraulic 10/32/46/68, Indus HV 32/46/68/100

Governor Control Systems

Contact your Penrite representative for details

#### Compressors

Rotary

Indus Compressor Oils 4KH46/68, 8KH68, DE46

Reciprocating

Indus Compressor Oils 2KH32/68/100, 4KH46/68, 8KH68

#### Compressor Ends

CEPSA Cilindros (ISO 460)

#### Greases

Electric Motors

Indgrease 100 LX EP2, Indgrease Lith R3

Pump Bearings

High Temperature Wheel Bearing Grease, Extreme  
Pressure Grease, Indgrease 100 LXEP2

*\*Please contact your Penrite representative regarding the availability of these products.*



## Mining, Quarrying and Construction

There are many products used in this area, many of which are highly specialised to fulfil some of the distinct needs of the industry. From heavy mobile equipment to the processing plant, there is a wide variety of engine oils, transmission and hydraulic oils, gear oils and greases to cover the most demanding needs.

### Product Snapshot:

Diesel Engines	Diesel HD, Diesel FX, Enviro Plus 10W-40, Mono 30 to 50
Cooling Systems	Heavy Duty EC-01 Anti Freeze Anti Boil Coolant (Premix and Concentrate), PGXL Coolant Premix
Transmission Oils	Fleet-gear 10 Fleet-gear 30 and 50, Tractor Transmission and Hydraulic Oil, Universal Farm Oil, Synfleet 50, ATF FS, ATF MHP, ATF DX3
Final Drive and Gear Oils	Gear Oil 80W-90/85W-140/140, FD-01 Fluid, Fleet-gear 50
Hydraulics	
Mineral	Indus Pro Hydraulic 10/32/46/68, Indus HV 32/46/68/100, Indus MR 46/68, Tractor Transmission and Hydraulic Oil, Fleet-gear 10
Synthetic	Indus Compressor Oil 4KH and 8KH Range
Biodegradable	CEPSA BIO Oil HM-S 46/68, Nyco Hydrauncoil FH 4551 (ISO 68)
Fire Resistant	CEPSA Fundicol HFC (ISO 46), Nyco Hydrauncoil FH 4551 (ISO 68)
Pneumatic Tools	Rockslide 68 and 320
Misting Oils	Rockslide 320 (other grades may be available on request)
Greases	
Conventional	High Temperature Wheel Bearing Grease, Molygrease EP3%, Extreme Pressure Grease, Semi Fluid Grease
Special Purpose	ACT Grease XEP2, QCA Grease MX9, QCS Grease MXGO Indgrease CXOG-05, Indgrease LCX 1100, Indgrease BM3, Indgrease 1615WR, Copper-Eze



## Commercial Marine

From fishing fleets to coastal traders and international bulk carriers, Penrite have the range of products to suit. Our range incorporates the standard marine grades but also special gear oils that provide enhanced wear and rust protection, highly water resistant greases and biodegradable products.

### Product Snapshot:

#### Diesel Engines

High Speed	Marine Diesel 15W-40, Diesel HD, Diesel FX, Enviro Plus 10W-40, Mono 30 to 50
Slow Speed	MDEO Range (12 to 40TBN monograde products)*
Crosshead Cylinder Oil	Mar Cyl Oil 7050

#### Gear Oils

Mineral	Indus Gear Oil EP 68/150/220/320/460/680
Semi Synthetic	Marine Gear Oil SS 150 and SS300
Synthetic	Gear Oil Syn 220

#### Hydraulics

Mineral	Indus Pro Hydraulic 10/32/46/68, Indus HV 32/46/68/100, Indus MR 46/68
Synthetic	Indus Compressor Oil 4KH and 8KH Range
Biodegradable	CEPSA BIO Oil HM-S 46/68, Nyco Hydraunycoil FH 4551

#### Stern Tubes

CEPSA Sterna and Sterna Bio\*

#### Greases

Marine Grease, ACT Grease XEP2, Indgrease 1615WR, Indgrease CX220 WR\*, Graphite Grease, QCA Grease MX9, Indgrease CXOG-05, CEPSA Arga Force

*\*Please contact your Penrite representative regarding the availability of these products.*



## Oil & Gas

The Oil and Gas sector covers a wide variety of operations and applications. The offshore rigs require products not required by on-shore wells, many of which are highly specialised. Penrite's Industrial Division team can identify and review the requirements and look to provide a more effective solution.

### Product Snapshot:

#### Reciprocating Engines

##### Crankcase Oil

Diesel

Diesel HD, Diesel FX, Enviro Plus 10W-40, Mono 30 to 50  
Marine Diesel 15W-40

##### Sweet Natural Gas

##### Cooling System

NGEO LA, NGEO Ashless, NGEO HD, NGEO TG\*  
PGXL Coolant Premix

#### Turbines

Steam

Indus TM

Gas

Contact your Penrite representative for more details

Aviation Derived

Nyco Turbonoycoil 600\*

#### Hydraulics

Mineral

Indus Pro Hydraulic 10/32/46/68, Indus HV 32/46/68/100  
Indus MR 46/68

Synthetic

Indus Compressor Oil 4KH and 8KH Range

Biodegradable

CEPSA BIO Oil HM-S 46/68, Nyco Hydraunoycoil FH 4551

#### Compressors

Rotary

Indus Compressor Oils 4KH46, 8KH68

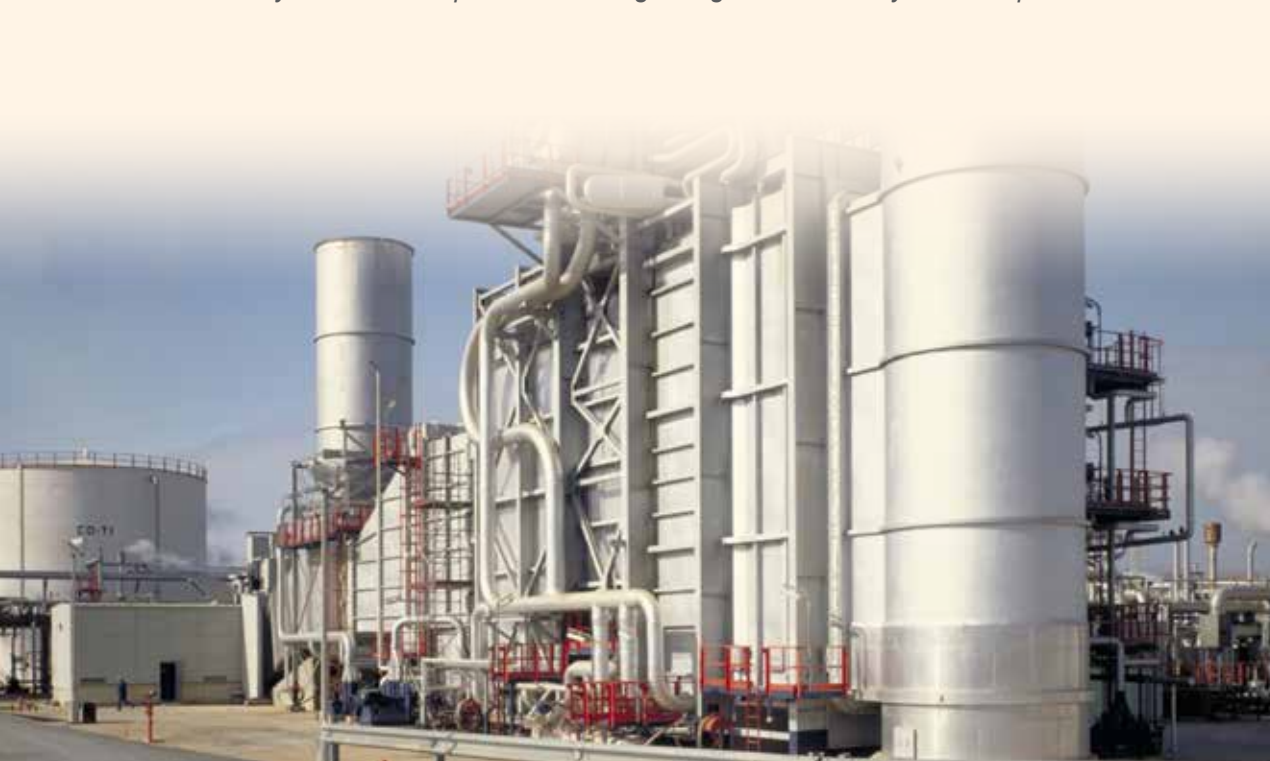
Reciprocating

Indus Compressor Oils 2KH68/100, 4KH68, 8KH68

#### Greases

Marine Grease, ACT Grease XEP2, Indgrease 1615WR,  
Indgrease CX220 WR\*, Graphite Grease, QCA Grease MX9,  
CEPSA Arga Biograsa EP\*

*\*Please contact your Penrite representative regarding the availability of these products.*



## Defence

A large amount of lubricants are used by the Defence Department and also by the industries that support Defence. Products matching the various Defence specifications (NATO, DEF-AUST, US Military and others) are available from the Penrite range. In addition, through our business partner Interchem, Penrite are able to source Nyco lubricants which carry full Military approvals. Interchem are also Penrite's supply partner into the Defence industry and our products may be sourced through them. Please note that Penrite does not supply any products for aviation use.

Some of the products that are suitable for Defence use are shown below (many are specially sourced on request), but there are many others available:

<b>Penrite Grades</b>	<b>Defence Specifications</b>
Diesel FX	MIL-PRF-2104H, O-1236
Gear Oil 80W-90	OEP-220
OX-8 Brake Fluid*	OX-8
<b>Nyco Grades</b>	<b>Defence Specifications</b>
Turbonycoil 600*	MIL-PRF-23699 Class STD
Hydraunycoil FH51*	MIL-PRF-5606H
Nycogrease GN22*	XG-293
Nyco 65 Vaseline*	PX-7

*\*Please contact your Penrite representative regarding the availability of these products.*

In association with:



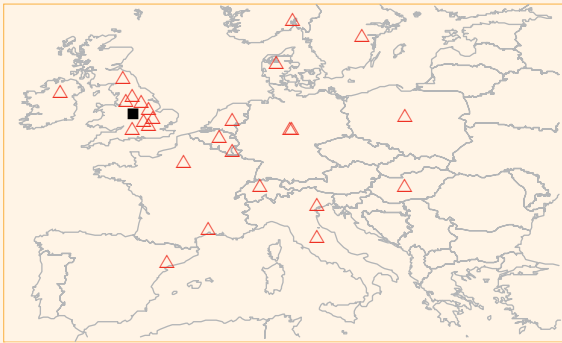


Penrite has built a sound and reliable supply chain designed to offer the best service to our customers.

Our Customer Service Staff go that extra step to ensure you receive the products you need when you need them. Penrite has SLA's (Service Level Agreements) set up in each warehouse and country of operation to ensure delivery satisfaction.



Locations & Delivery



- Blending and Warehousing
- Warehouses
- △ Authorised Distributors





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# Products in Detail

FORESTRY | POWER GENERATION | MINING | DEFENCE | OIL & GAS | MARINE

## HEAVY DUTY TRUCK AND MEDIUM-HIGH SPEED DIESEL ENGINE OILS

### ENVIRO+ SAE 10W-40

*EPLUS10W40001, EPLUS10W40005, EPLUS10W40010, EPLUS10W40020, EPLUS10W40205*

Full synthetic, OEM Approved low ash (low SAPS) engine oil for modern four stroke turbo charged and naturally aspirated engines. Made using the latest advances in European additive technology. May be used at oil drain intervals of up to 120,000km in European heavy duty diesel engines as well as many light duty diesel engines. Compatible with SCR/DPF equipped trucks and buses. Suitable for use in cooled EGR or normal EGR.

Key Specifications: API CJ-4/SM, ACEA E4/E6/E9, Volvo VDS-4 Approved, MAN 3277 CRT/3477/3575, Cummins CES 20081 Approved, Mack EO-O Premium Plus Approved, Renault RLD-3 Approved, MB-Approval 228.51, JASO DH-2 (Registered)



### DIESEL HD SAE 15W-40

*DHDO05, DHDO10, DHDO20, DHDO60, DHD205*

OEM Approved, premium hydrocracked mineral low ash engine oil, meeting the latest US standards for heavy duty diesel oils. It is suitable for use in engines equipped with EGR/Cooled EGR. Ideal for use in mixed fleets of vehicles including in petrol engines.

Key Specifications: SAE 15W-40, API CJ-4/SM, ACEA E7/E9, MB 228.3, MB-Approval 228.31, MAN 3575 Approved, Volvo VDS-4 Approved, Cummins 20081 Approved, Mack EO-O Premium Plus Approved, Renault RLD-3 Approved, JASO DH-2, Detroit Diesel DFS Oil Specification 93K218 Conformance



### DIESEL FX SAE 15W-40

*DFX005, DFX010, DFX020, DFX060, DFX205*

High quality, heavy duty oil designed for use in mixed fleets and in many types of heavy and light duty diesel engines. Suitable for use in naturally aspirated and turbocharged diesel engines and in petrol and LPG engines.

Key Specifications: API CI-4 PLUS/SL, ACEA E7/A3/B3, MB 228.3, MAN 3275, Cummins 20076/77/78, Mack EO-M Plus, Caterpillar ECF-1-a/ECF-2



### MONO TRUCK OILS SAE 30, SAE 40 AND SAE 50

*MONO30020, MONO30205, MONO40020, MONO40205, MONO50020, MONO50205*

Mono 30 is a mid-ash monograde engine oil for use in older Japanese four stroke engines and other engines used in off road applications. Mono 40 and 50 are low ash oils designed for use in Detroit Diesel two stroke engines and in engines that need heavier monograde oils. Mono 50 may be used in manual transmissions requiring API GL-1 90 or CC/CD SAE 50 engine oils.

Key Specifications: API CF-2/CF/SF





## GAS ENGINE OILS

### NGEO LA

Codes: *NGEOLA205*

Penrite NGEO LA is a low ash, SAE 40 monograde gas engine oil made from hydrocracked base oils and an effective additive system that provides anti-wear protection and oxidation/nitration protection for gas engines while maintaining a low ash content to reduce the likelihood of valve torching. It is suitable for normally aspirated and turbocharged engines and is compatible with exhaust catalysts. Penrite NGEO LA meets the requirements of API CF and many manufacturers' specifications. Penrite NGEO LA is designed for use in engines running on sweet natural gas in both mobile and stationary applications where a SAE 30 or SAE 40 oil is specified. This includes pump stations, co-generation units and on-site generators.



### NGEO TG

Codes: *NGEOTG205*

Penrite NGEO TG is a low ash, SAE 40 monograde gas engine oil made from high quality base oils and an effective additive system that provides anti-wear protection and oxidation/nitration protection for gas engines while maintaining a low ash content to reduce the likelihood of valve torching. It is suitable for normally aspirated and turbocharged engines and is compatible with exhaust catalysts. Penrite NGEO TG meets the requirements of API CF and many manufacturers' specifications. Penrite NGEO TG is designed for use in stationary engines running on landfill gas, biogas or sweet natural gas where a SAE 30 or SAE 40 oil is specified. This includes pump stations, co-generation units and on-site generators.



### NGEO HD

Codes: *NGEOHD205*

Penrite NGEO HD is a monograde gas engine oil, made from highly refined base oils and an additive system that provides additional alkaline protection for gas engines utilising high sulphur gas (sour gas or biogas). It is suitable for both normally aspirated and turbocharged engines and is compatible with exhaust catalysts. Penrite NGEO HD meets the requirements of API CD many manufacturers' specifications. It is designed for use in engines running on sweet or sour natural gas or biogas (sewage gas) where it's high alkalinity allows longer oil drains and better engine protection compared to conventional low ash products. This includes at pump stations, co-generation units in treatment works and remote generators. May also be used in many land fill gas applications depending on the level of fluorocarbons expected in the gas being used as the fuel.



### NGEO ASHLESS

Codes: *NGEOASHLESS205*

Penrite NGEO Ashless is an ash-free, SAE 40 monograde gas engine oil made from hydrocracked base oils and an effective additive system that provides anti-wear protection and oxidation/nitration protection for two-cycle gas engines. Penrite NGEO Ashless primarily recommended for use in two cycle stationary engines running on sweet natural gas where a SAE 30 or SAE 40 oil is specified. This includes pump stations, co-generation units, on-site generators.



OEM Approved CEPESA Gas Engine Oils are also available on request.

*\*Please contact your Penrite representative regarding the availability of these products.*



## AUTOMATIC TRANSMISSION FLUIDS

### ATF FS MULTI-VEHICLE FULLY SYNTHETIC AUTO TRANS FLUID

*ATFFS001, ATFFS004, ATFFS020, ATFFS060, ATFFS205*

Full synthetic transmission oil ideal as an upgrade from ATF MHP as a fully synthetic product and can be used in most European and Asian automatic transmissions. Meets the widest range of US, European and Japanese performance requirements. May be used in power steering units that require ATFs. Suitable for heavy duty long-life applications in construction and other mobile equipment. Key Specifications: Ford M2C-202B, Mitsubishi MM SP3, Chrysler 7176E (ATF+3<sup>®</sup>/4<sup>®</sup>), Toyota T-II/T-IV/WS, Nissanmatic J, K and S, Opel, MB 236.10/11, LT 71141, ATF 3403, JASO 1A, MERCON<sup>®</sup>-V



### ATF MHP MULTI-VEHICLE SEMI SYNTHETIC AUTO TRANS FLUID

*ATFMHP001, ATFMHP004, ATFMHP020, ATFMHP060, ATFMHP205*

Semi-synthetic automatic transmission fluid for Mitsubishi, Hyundai, Proton and some Kia motor vehicles. Can be used in these vehicles where MM SP, MM SP2, MM SP3 and DEXRON<sup>®</sup>-III fluids are specified. Also suitable for Ford, Nissan, Honda and Toyota automatic transmissions and European built Holdens. Suitable for heavy duty long-life applications in construction and other mobile equipment. May be used in power steering units that require ATFs.

Key Specifications: Mitsubishi MM SP3, Chrysler 7176E (ATF+3<sup>®</sup>/4<sup>®</sup>), Toyota T-II/T-IV, Nissanmatic C, D, J and K, Opel, MB 236.10/11, LT 71141, ATF 3403, JASO 1A, MERCON<sup>®</sup>-LV, Voith



### ATF DX3 MULTI-VEHICLE MINERAL AUTO TRANS FLUID

*ATFDX3001, ATFDX3004, ATFDX3020, ATFDX3060, ATFDX3205*

Extended drain fluid suitable for pre 2006 automatics and power steering systems of GM (Holden) vehicles as well as many European and Japanese manufacturers. It's slightly heavier viscosity and European-style shear stability will provide extra wear protection in high ambient conditions for all types of mobile equipment, including off-highway, heavy duty applications.

Key Specifications: DEXRON<sup>®</sup>-IIIH (obsolete), MERCON<sup>®</sup>-IV, Allison C-4, MB 236.1, Ford M2C 166H, Allison TES 389, MB 236.5, Volvo 97341



NOTE: OEM-Approved CEPESA ATF's are available on request from your Industrial Lubricants Business Manager.





## HEAVY DUTY TRANSMISSION OILS FOR MOBILE EQUIPMENT

### **SYNFLEET 50 SAE 50**

*SYNF50020, SYNF50205*

Premium fully synthetic transmission fluid approved for the extended drain warranty requirements of Eaton (Road Ranger) transmissions.

Key Specifications: API CF, Caterpillar TO-4, Volvo 1273.13, Mack TO-A Plus, Eaton PS 164 Rev 7 Approved



### **FLEET-GEAR 10 SAE 10W**

*FG10020, FG10205*

Heavy duty transmission and hydraulic fluid suitable for use in transmissions, torque converters and hydraulic units in a wide variety of equipment.

Key Specifications: Allison C-4, Caterpillar TO-4, ZF TE-ML 01/03



### **FLEET-GEAR 30 SAE 30**

*FG30020, FG30205, FG301000LTR*

Transmission and gear oil primarily for use in Caterpillar and Komatsu powershift transmissions. Recommended for heavily loaded Allison transmissions in forklifts and other equipment.

Key Specifications: API CF, Allison C-4, Caterpillar TO-4, ZF TE-ML01/ML03



### **FLEET-GEAR 50 SAE 50**

*FG50020, FG50060, FG50205, FG501000LTR*

Gear and transmission oil for use in many on-road transmissions, including Eaton-Fuller, Volvo and Spicer and for Caterpillar off-road final drives where specified.

Key Specifications: API CF, Caterpillar TO-4, Volvo 1273.13



### **FD-01 FLUID SAE 60**

*FD01020, FD01205, FD011000LTR*

A heavy duty, SAE 60 final drive oil specially designed for Caterpillar final drives and axles.

Key Specifications: Caterpillar FD-1.



### **TRACTOR TRANSMISSION & HYDRAULIC FLUID**

*TTH010, TTH020, TTH205*

A special transmission oil for use in tractors and machinery combining hydraulic systems and transmissions, particularly those with wet brakes/wet clutches as fitted to John Deere and Massey Ferguson, Kubota, JI Case etc.

Key Specifications: API GL-4, Ford M2C-134D, JD 20A/C, MS1206/1210, Hytrans Plus, UDT, SAE 10W-30/75W-80, ISO HV68



### **UNIVERSAL FARM OIL SAE 15W-40**

*UFO020, UFO205*

A STOU (Super Tractor Oil Universal) oil suitable for engine, transmission and hydraulics of farm tractors. Can reduce squawk in wet brake/wet clutch applications where normal tractor fluids have proven ineffective.

Key Specifications: 85W-90, API CG-4/SJ, GL-4, M2C 134C, JDM 27, MS1206, MF1141



## AUTOMOTIVE-TYPE GEAR AND DIFFERENTIAL OILS

### PRO GEAR 75W-90 AND 80W-140

*PROG75900025, PROG7590020, PROG7590205, PROG801400025, PROG80140020, PROG80140205*

Premium full synthetic gear oils designed for maximum protection, life and performance. Exceeding API GL-5 and GL-6 they may be used in transmissions and differentials of all types of high performance cars. Ideal for high load, long life applications in off-highway equipment where extremes of temperatures are encountered. Full limited slip performance.

Key Specifications: API GL-5/6, MIL-PRF-2015E, Ford M2C-200C (75W-90), Ford M2C-190A. (80W-140) Holden HN 2040 (80W-140)



### PRO GEAR OIL 75W-85

*PROG7585001, PROG75850025, PROG7585020, PROG7585060, PROG7585205*

Full synthetic, special low viscosity gear oil designed for use in automotive and motorcycle gear boxes. Can improve cold shift performance. May be used in trucks and cranes where non-GL5 gear oil is required.

Key Specifications: MB 235.4, ADI GL-4



### TRANSGEAR 75W-90

*TG7590001, TG75900025, TG7590020, TG7590060, TG7590205*

Premium technology semi-synthetic gear oil suitable for use in many modern manual transmissions where GL-4 or GL-5 SAE 75W-90 oils are specified. Can help to smooth shifts where SAE 80W-90 oils are in use and is ideal for large four wheel drives. Also suitable for differentials.

Key Specifications: API GL-5/MT-1 Plus, 235.5/235.6, BTR 5M-31, MAN 342, Mack GO-J (level)



### TRANSGEAR 75W-80

*TG7580001, TG75800025, TG7580020, TG7580060, TG7580205*

New Generation technology, semi-synthetic gear oil suitable for use in many modern manual gearboxes where originally an automatic transmission fluid was specified. Can be used where SAE 75W-80 or 80W grades are specified in the handbook. Provides superior cold shift characteristics.

Key Specifications: API GL-4 Plus, Honda MTF 7389, Land Rover MTF94, MB 235.10



### GEAR OIL 80W-90

*G08090001, G080900025, G08090020, G08090060, G08090205*

Limited slip differential oil for vehicles in standard on-road use. Exceeds API GL-5 and the obsolete API GL-6. Contains an initial fill level of limited slip additive.

Key Specifications: SAE 80W-90, API GL-5/6, PG-2, MT-1, MIL-L-PRF-2105E



### GEAR OIL 85W-140

*G085140001, G0851400025, G085140020, G085140060, G085140205*

A heavier version of Gear Oil 80W-90 that can be used in vehicles subjected to extreme temperature or where the vehicle manufacturer recommends this viscosity. Recommended for differentials of off-highway trucks and other equipment.

Key Specifications: SAE 85W-140, API GL-5/6, PG-2, MT-1, MIL-L-PRF-2105E



### GEAR OIL 140

*G0140001, G01400025, G0140020, G0140060, G0140205*

Heavy limited slip gear oil suitable for use in some heavy commercial vehicles and 4WDs.

Key Specifications: SAE 140, API GL-5/6, PG-2



CEPSA gear oils and also Meritor-approved differentials are available. Please refer to your Penrite Industrial Lubricant Business Manager.



## INDUSTRIAL OILS

### HYDRAULIC OILS

#### INDUS HV RANGE ISO 32, 46, 68 AND 100

*INDUSHV32005, INDUSHV32020, INDUSHV32205  
INDUSHV46005, INDUSHV46020, INDUSHV46205  
INDUSHV68005, INDUSHV68020, INDUSHV68205  
INDUSHV100020, INDUSHV100205*

Premium high viscosity index zinc-free fluids for service in industrial, marine and agricultural applications subjected to a wide range of ambient temperatures. They are recommended for use in all types of hydraulic systems using vane, piston or gear pumps, airline lubricators, vacuum pumps, lightly loaded gear sets and bearings (such as headstocks, windmill gears) and hydraulic hoists and jacks. Marine applications for all products include deck equipment, steering gear and bow thrusters. Dyed green for easy identification. Highly shear stable.

Key Specifications: Vickers I-286-S3/ M-2952-S, DIN 51524 Part 3 (HLP/HV), US Steel 126, 127, Hagglunds AC-4.8, ISO 6743 Part 4 Type HV, AAMA 524 Part 3, Cincinatti Milacron P-68, P-69, P-70, AFNOR NFE 48-603, Denison HF-2, HF-0, SAE MS1004, Bosch Rexworth RE90 220



#### INDUS MR HYDRAULIC OILS

*Codes: INDMR68020, INDMR68205*

A range of high quality, zinc free hydraulic oils made from selected base stocks, a shear stable viscosity modifier and an anti-wear additive. Penrite Indus MV oils are designed for use in hydraulic systems subjected to wide range of ambient temperatures such as in marine environments, mining, construction and agricultural equipment and forestry. Marine applications for all products include deck equipment, steering gear and bow thrusters. For maximum energy savings and protection, we recommend the Indus HV range.

Key Specifications: Vickers I-286-S3, Cincinatti Milacron P-69, P-70, DIN 51524 Part 2, US Steel 126, 127



#### INDUS PRO HYDRAULIC RANGE

*PROHYD10205, PROHYD32005, PROHYD32020, PROHYD32205,  
PROHYD46005, PROHYD46010, PROHYD46020, PROHYD46205  
PROHYD68005, PROHYD68010, PROHYD68020, PROHYD68205, HYD68001*

A range of low zinc high quality hydraulic oils suitable for many hydraulic systems in both automotive and industrial applications. 1L pack is sold as Hydraulic Oil 68.

Key Specifications: Denison HF0/HF1/HF2, Vickers I-286-S/ M-2950-S, Cincinatti Milacron P-68, P-69, P-70 (HM), DIN 51524 Part 2 (HLP Type), US Steel 126, 127





## Biodegradable Products

### CEPSA BIO OIL HM-S ISO 46 AND 68

*CEPBIO46200, CEPBIO68200*

Ester based, synthetic biodegradable hydraulic oil compatible with commonly available gaskets and rubbers used in hydraulic systems (such as Viton, Perbunan, nitrile NBR, Neoprene, Silicone etc.)  
Key Specifications: VDMA 24568 Class HEES, ISO 15380 Class HEES, EU Ecolabel FR/27/07



### NYCO HYDRAUNYCOIL FH 4551

*NYCOFH4551208*

Nyco Hydraunycoil FH 4551 is a fire resistant ISO 68 hydraulic fluid based on a carboxylic ester. Its temperature operating range is between -20°C to +120 °C. It contains a specific corrosion inhibitor to prevent corrosion of steel, copper, aluminium and other metals. Hydraunycoil FH 4551 is also readily biodegradable. Hydraunycoil FH 4551 is intended for hydraulic equipment when the risk of fire is a concern and is widely used in high pressure equipment in steel and aluminium industry in which it has proven very efficient. The high level of biodegradability of Hydraunycoil FH 4551 is an additional benefit highly appreciated in tunnelling and marine industries. It is compatible with most elastomers and paints and in most cases, Hydraunycoil FH 4551 can be used directly in existing systems (designed for mineral-oil based hydraulic fluids) without any modification. System conversion can be achieved by a straight-forward drain-refill procedure. However, to keep the full benefit of fire resistance properties, ensure that the equipment is completely drained prior to filling it with Hydraunycoil FH 4551. Available in 208L drums only.  
Key Specifications: HFDU Type Hydraulic oil



## Fire Resistant Fluids

### CEPSA FUNDICOL HFC ISO 46

*CEPFUNHFC185*

CEPSA Fundicol HFC is an ISO 46, water-glycol fire resistant hydraulic oil. It is recommended as a substitute for mineral fluids where there is a high risk of fire such as foundries, forging presses and underground mining. Not suitable for use in systems that incorporate magnesium alloy as they may meet with the water. Incompatible with conventional paints.



### NYCO HYDRAUNYCOIL FH 4551 (see above)

*NYCOFH4551208*

Other Fire Resistant hydraulic oils may be available on request from your Penrite representative.

HFA: Oil-Water Type: CEPSA Ertoil Licena HS/95

HFD: Phosphate Ester: CEPSA Fundicol Sintetico EHC (ISO 46)

HFU: Ester Blend: CEPSA Fundicol HFU (ISO 46)





## GEAR OILS

(SEE GREASES SECTION FOR OPEN GEAR LUBRICANTS)

### INDUS GEAR OIL EP ISO 68, 150, 220, 320, 460 AND 680

*G068020, G068205, G0150020, G0150205, G0220020, G0220205, G0320020, G0320205, G0460020, G0460205, G0680020, G0680205*

Premium industrial gear oils made from highly refined mineral oils and an advanced extreme pressure additive system. Suitable for use in all applications requiring a low level of EP in industrial applications.

Key Specifications: API GL-3, AGMA 250.04, AGMA 2005-D94, Cincinnati Milacron, US Steel 224



### INDUS GEAR OIL SYN 220

*GOSYN220020*

Premium fully synthetic industrial gear oils suitable for use in applications requiring a low level of EP in industrial and in some automotive applications where long drains or high temperatures are encountered.

Key Specifications: API GL-3, AGMA 250.04, AGMA 2005-D94, Cincinnati Milacron, US Steel 224

Also available in ISO 150, 320 and 460 grades, contact your Penrite representative for details.



### INDUS GEAR OIL EJ 220, 460

*IGEJ220205, IGEJ460205*

Premium mineral industrial, extreme pressure gear oils, designed to mix with water and continue to provide effective lubrication, where gearbox water contamination is an issue. These oils contain additives to protect against wear and corrosion under harsh or wet conditions. Available in ISO 220 and 460 viscosity grades.

Key Specifications: API GL-3, Joy TO-HD



### INDUS INDGEAR B SERIES

*INDGEARB220205, INDGEARB320205, INDGEARB460205*

The ultimate premium performance borated mineral gear oil with synthetic-like heat resistance formulated with a special, highly effective extreme pressure additive system. Provides outstanding protection against heat and reduces friction. Indus Indgear B may be used in all types of slow or high speed industrial gear sets where API GL-3 oils are normally recommended. Especially suitable for high temperature applications where conventional gear oils are unable to handle heat stresses. The high load carrying ability of the additive system allows the use of one ISO grade lighter than would normally be recommended. This, in combination with the advanced anti wear system provides reduced friction and heat loads, extended oil life and equipment life and as well as providing more efficient energy systems through less drag. Will not harm yellow metal components.

Key Specifications: API GL-5, AGMA 250.04, AGMA 2005-D94, Cincinnati Milacron, US Steel 224



### INDGEAR MP90

*INDMP90020, INDMP900205*

Indgear MP90 is a SAE 90 mineral oil recommended for all types of slow or high-speed, industrial systems where complex gear arrangements are in use. These gear systems include spur, helical, spiral bevel and worm gear sets, used independently or in a combination, in light or heavily loaded applications and where a minimum DIN CLP classification or API GL-3 oils or higher are normally recommended. Ideal for use in industrial gearboxes including, but not limited to, web and sheet fed printing units and folders, high-speed roller bearings, stationary main drive gearboxes, crushers, hoists, conveyors, winches and machine tools. Also suitable for use in automotive and heavy duty truck gearboxes and differentials where SAE 90, API GL-4 oils are required. Will not harm copper alloy bearings.

Key Specifications: API GL-4 "Plus", AIST (US Steel) 224, AGMA 9005 E02-EP, DIN 51517-3 (CLP)



## MARINE GEAR OIL SS150 AND SS300

*MGOSS150020, MGOSS30020, MGOSS3001000LTR*

Penrite Marine Gear Oil SS150 and SS300 are special purpose, high VI, semi-synthetic marine gear oils made with hydrocracked base oils and a non-sulphur phosphorus extreme pressure additive package. They contain an advanced vapour phase corrosion inhibitor to provide outstanding control of rust, even in salt water environments. Penrite Marine Gear Oil SS150 is designed for marine gearboxes where heavy loads and high levels of airborne water contamination are prevalent. It was originally designed to exceed the requirements of Heimdal reduction gearboxes commonly used in tugs, fishing vessels, work boats, and other vessels requiring high pulling capacity, as well as for equipment operating in difficult conditions. May also be used in automotive applications where API GL-4, SAE 80W-90 and ISO 100 and 150 oils are recommended, where it will provide a superior shift to conventional products. SS300 may be also used where API GL-4, SAE 85W-140 and ISO 220 and 320 oils are recommended.

Key Specifications: GL-4, ISO 150 and ISO "300", US Steel 224, AGMA 250.04, MAN 341SL, ZFN 13010, Volvo 1273.07





## COMPRESSOR OILS

### INDUS COMPRESSOR OIL 2KH SERIES

*CO2KH32020, CO2KH68020, CO2KH100020*

Mineral compressor fluids manufactured from the latest ashless additive technology and hydrotreated base oils. May be used in many reciprocating, rotary vane and centrifugal compressors. Up to 2000 hour oil drains. Contact Penrite for exact details.

Key Specifications: SAE M 1003-2

### INDUS COMPRESSOR OIL 4KH SERIES

*CO4KH46020, CO4KH68005, CO4KH68020*

Synthetic compressor fluids manufactured from the latest ashless additive technology and specialised synthetic base oils. May be used in many reciprocating, rotary vane and centrifugal compressors. Up to 4000 hour oil drains. Contact Penrite for exact details.

Key Specifications: SAE M 1003-2

### INDUS COMPRESSOR OIL 8KH SERIES

*Codes: CO8KH68205*

Penrite Indus Compressor Oil 8KH are special ashless PAO and ester based product designed to provide extended oil drains in both oil injected and oil flooded rotary screw compressors. Based around the highly successful technology used in the Compressor Oil 4KH series, it provides exceptional wear protection and reduces varnish build up. Compressor Oil 8KH also contains a special shear stable synthetic base oil to help reduce deposit formation. Indus Compressor Oils 8KH are designed for use for up to 8000 hours.

### INDUS COMPRESSOR OIL DE SERIES

*Codes: CODE68020, CODE100020*

Penrite Indus Compressor Oil DE are special ashless oils designed to provide extended oil drains in reciprocating compressors plus in both oil injected and oil flooded rotary screw compressors. Using the latest advances in compressor additive technology and made with synthetic diesters (DE), they provide exceptional wear protection and reduce varnish build up. Compressor Oil DE 68 and 100 are designed for use in reciprocating air compressors in normal and severe operating conditions, for instance, where air discharge temperatures exceed 200°C. Both grades may also be used for anti-friction bearing assemblies in high temperature applications such as fans and blowers as well as lightly loaded gear drives. Compressor Oil DE 68 is also suitable for use in oil flooded sliding vane and screw compressors operating under heavy duty conditions.

Not recommended for breathing unit compressors.

*\*Please contact your Penrite representative regarding the availability of this product.*



## TURBINE OILS

### INDUS TM46

Codes: *INDUSTM46020*

Indus TM 46 is an ISO 46 mineral turbine oil formulated with highly-refined hydrotreated paraffinic base stocks and selected additives that provide it with excellent properties for multiple applications. Indus TM 46 is specially recommended for steam, gas or water turbines that require an oil with high oxidation stability, good water demulsibility and excellent foam resistance. Can be used in turbine associated gearing systems where a common lubricant is required.

Key Specifications: ISO 6743-5 L TSA/TSE/TGA/TGB/TGE, DIN 51515 Part 1 (L-TD), ASTM D 4304 (Tipo I), Alsthom NBA-P-50001-A, General Electric GEK 28143A/32568F, Solar Class II, Siemens TLV 901304



### CEPSA TURBINAS ISO 68\*

Codes: *CEPTURB68205*

Formulated with highly-refined and hydro-treated paraffin bases, with selected additives that confer excellent properties for multiple applications. These oils ensure excellent protection and lubrication for turbine components. They have powerful anti-rust capabilities, high chemical and thermal stability and very rapid de-aeration. Specifically recommended for steam, gas and hydraulic turbines that require an oil with a long useful life and high stability against oxidation. OEM Approved.

Key Specifications: ISO 6743-5 L TSA/TSE/TGA/TGB/TGE, DIN 51515 Part 1 (L-TD), ASTM D 4304 (Type I), Alsthom NBA-P-50001-A, General Electric GEK 28143A/32568F, Solar Class II, Siemens TLV 901304



### NYCO TURBONYCOIL 600\*

Gas Turbine oil fully approved by General Electric (all LM ground gas turbine models), Rolls-Royce (501K, RB211, Avon, Olympus, Tyne, Spey), Allison, Nuovo Pignone (PGT25, 20/2) where use in marine propulsion systems and power generators/pumps.



*\*Please contact your Penrite representative regarding the availability of these products.*





## OTHER GRADES

### INDUS ROCKSLIDE ISO 68 TO 320

*RS68020, RS100205\*, RS150205\*, RS220205\*, RS320205*

Premium extreme pressure industrial slideway and rock drill oils for air hammers, lathes and as a gear oil where a tacky product is required. Also suitable for use as chain lubricants.

Key Specifications: API GL-3, US Steel 224, Muller Weingarten, AGMA 250.04, Cincinatti Milacron P-47 (ISO 68) DIN 51502 CGLP68, Cincinatti Milacron P-50 (ISO320), DIN 51502 CGLP320



### INDUS ROCKSLIDE M HEAVY\*

*RSMH205, RSMH1000LTR*

ISO 320, premium extreme pressure industrial slideway and rock drill oils for air hammers, lathes and as a gear oil where a tacky product is required. Boosted with molybdenum disulphide and other molybdenum based additives for enhanced protection in damp conditions.

Key Specifications: API GL-3, US Steel 224, Muller Weingarten, AGMA 250.04, Cincinatti Milacron P-50 (ISO320), DIN 51502 CGLP320



### CHAINSAW BAR OIL

*CSB001, CSB005, CSB020, CSB205*

A premium chain bar oil with an extra clinging ability to protect both chain and bar on chainsaws. Key Specifications: ISO 100



### HTO32, HTO68, HTO100

*HTO32205, HTO321000LTR, HTO68BULK, HTO100205, HTO100BULK*

Penrite HTO range are highly refined, thermally stable mineral oil-type fluids formulated with premium hydrocracked base oils. Suitable for open or closed heat transfer systems with forced circulation operating under the following conditions:

- Maximum bulk oil temperature: 288°C
- Maximum film temperature on heater surfaces: 316°C
- Maximum temperature of oil surface in contact with air in open systems: 107°C

May also be used as a general purpose circulating oil where these ISO grades are required.



*\*Please contact your Penrite representative regarding the availability of these products.*



## COMMERCIAL MARINE

### MARINE DIESEL 15W-40

*MARD15W40205, MARD15W401000LTR*

A long drain, semi synthetic multigrade oil for high speed diesel engines operating in a marine environment. It has a high TBN to combat higher sulphur fuels and an enhanced rust inhibitor to protect against salt water corrosion. It is a mid-ash blend suitable for use in a wide range of engines. Also ideal for use in on highway equipment and in stand by generators. Key Specifications: API CI-4, ACEA E4/E7, Cummins CES 20078, Caterpillar ECF-1-a, MB 228.5 level, MAN 3275, Volvo VDS3



### TRUNK PISTON MARINE DIESEL ENGINE OILS\*

*MDEO3012205, MDEO4012205, MDEO4015205, MDEO3030205, MDEO4030205, MDEO4040205*

A range of SAE 30 and 40 monograde engine oils with base numbers ranging from 12TBN to 40 TBN for use in large, high output medium speed, trunk piston engines operating on marine diesel or residual fuels of varying sulphur levels.

MDEO 3012 = SAE 30, 12 TBN

MDEO 4012 = SAE 40, 12 TBN

MDEO 4015 = SAE 40, 15 TBN

MDEO 3030 = SAE 30, 30 TBN

MDEO 4030 = SAE 40, 30 TBN

MDEO 4040 = SAE 40, 40 TBN

Key Specifications: API CD/CF



### MAR CYL OIL 7050

*MARCYL705005*

Penrite Mar Cyl Oil 7050 is a 70 TBN highly alkaline heavy marine cylinder oil manufactured from high quality solvent refined base stocks. It is designed for the cylinder lubrication of cross-head type marine and stationary engines, especially those burning high sulphur residual fuels. Ideal for fuels with a sulphur content of over 3%. Not recommended for use as a crankcase lubricant.



### CEPSA TURBINAS EP\*

Especially formulated to lubricate steam or hydraulic turbine systems, especially in turboalternators or propellor turbines with gears and/or reducers, as well as special systems where a high-quality hydraulic oil with EP characteristics is required. Meets ISO 6743-5 L TSA/TSE/TGA/TGB/TGE, ALSTOM HTGD 90117, GENERAL ELECTRIC GEK 101941A, GENERAL ELECTRIC GEK 107395A, GENERAL ELECTRIC GEK 27070, GENERAL ELECTRIC GEK 28143B, GENERAL ELECTRIC GEK 46506D, GENERAL ELECTRIC GEK 32568F, SIEMENS TLV 901304/ 901305, SOLAR ES 9224. Available in ISO 32, 46 and 68 grades, please contact your Penrite representative for details on this product.



### NYCO TURBONYCOIL 600\*

Gas Turbine oil fully approved by General Electric (all LM ground gas turbine models), Rolls-Royce (501K, RB211, Avon, Olympus, Tyne, Spey), Allison, Nuovo Pignone (PGT25, 20/2) where use in marine propulsion systems and power generators/pumps.



*\*Please contact your Penrite representative regarding the availability of these products.*





## MARINE GEAR OIL SS150 AND SS300

*MGOSS150020, MGOSS30020, MGOSS3001000LTR*

Penrite Marine Gear Oil SS150 and SS300 are special purpose, high VI, semi-synthetic marine gear oils made with hydrocracked base oils and a non-sulphur phosphorus extreme pressure additive package. They contain an advanced vapour phase corrosion inhibitor to provide outstanding control of rust, even in salt water environments. Penrite Marine Gear Oil SS150 is designed for marine gearboxes where heavy loads and high levels of airborne water contamination are prevalent. It was originally designed to exceed the requirements of Heimdal reduction gearboxes commonly used in tugs, fishing vessels, work boats, and other vessels requiring high pulling capacity, as well as for equipment operating in difficult conditions. May also be used in automotive applications where API GL-4, SAE 80W-90 and ISO 100 and 150 oils are recommended, where it will provide a superior shift to conventional products. SS300 may be also used where API GL-4, SAE 85W-140 and ISO 220 and 320 oils are recommended.

Key Specifications: GL-4, ISO 150 and ISO "300", US Steel 224, AGMA 250.04, MAN 341SL, ZFN 13010, Volvo 1273.07



## CEPSA STERNA

*CEPSTERNO20, CEPSTERN200*

This product offers high viscosity and high performance. It emulsifies rapidly with seawater, maintaining a stable emulsion that is adhesive and an excellent lubricant, protecting the critical surfaces of the stern tube against corrosion even during extended periods under severe operating conditions. Particularly recommended for bearings/stern tube seals where lubricants with emulsifying properties are required. Especially developed for the lubrication of Cedervall type stern tubes installed on ships, and for certain propeller blade stabiliser bearings installed on passenger ships.

Key Specifications: ISO 320



## CEPSA STERNA BIO\*

Synthetic and biodegradable hydraulic fluid for stern tubes on ships. Minimises the effects of environmental pollution whilst also offering excellent anti-wear and anti-corrosion properties and a high natural viscosity index that is stable over time. It enables operation at a wide range of temperatures. Particularly recommended when there is a risk of water pollution and for hydraulic systems operating under severe conditions. Compatibility with the seals used in hydraulic circuits (Viton, Perbunan, nitrile NBR, neoprene, silicone...).

Key Specifications: ISO 100



## MARINE GREASE

*MARGR00045*

Marine Grease is an NLGI 2 green coloured, tacky, high temperature all-purpose grease manufactured from high quality mineral base oils and a lithium complex soap. It utilises a special anti-rust additive for enhanced protection in marine environments and tackiness additives to allow it to stay in place. Marine Grease has been formulated for use in many marine grease applications. These include boat trailer wheel bearings and general on-board greasing points in leisure craft and fishing fleets including winch gears, bearing buddies, stern drives, steering tubes and cables and prop shaft splines. It is also suitable industrial applications requiring excellent rust and corrosion protection. These include rolling element bearings, plain bearings, chassis parts, gears and couplings, particularly where water is present such as in steel mills, underground tunneling or mining and ore crushing plants.

Key Specifications: NLGI 2



## INDGREASE CX 152 WR\*

*INDGRCX152WR020, INDGRCX152WR180*

Indgrease CX 152 WR is a NLGI 2, calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and anti-wear additives since they are built in as an integral part of the soap structure. It can be used to provide enhanced lubrication and protection for bearings, wire ropes and open gears found usually in marine environments. Other applications include boat trailer wheel bearings and general on-board greasing points in leisure craft and fishing fleets as well as automotive applications. It is also suitable for rolling element bearings, plain bearings, chassis parts, gears and couplings, particularly where water is present such as in steel mills, underground tunneling or mining and ore crushing plants.

Key Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO-L-XBEIB2



\*Please contact your Penrite representative regarding the availability of these products.



### **INDGREASE 1615WR**

*INDGRS1615WR18KG*

Indgrease 1615 WR is a calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and anti-wear additives since they are built in as an integral part of the soap structure. Indgrease 1615 WR is a modern high performance product especially suitable for industrial applications. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications or wet and corrosive environments.

Key Specifications: NLGI 2



### **INDGREASE BM3**

*IGRBM300045*

A bentone based grease containing molybdenum disulphide. It is particularly suitable for Terex Finlay BL Pegson Cone Crushers. May also be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and where high temperatures are experienced and on marine deck equipment.

Key Specifications: NLGI 3



### **INDGREASE CXOG-05**

*INDGRCXOG5180*

Penrite INDGREASE CXOG-05 is an advanced technology, mixed-complex grease. It is made using a lithium-calcium complex soap with "built-in" extreme pressure and anti-wear properties. These are further enhanced by the addition of anti-oxidant and corrosion inhibitors. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. This is a far better outcome than for some of the "super-stringy" greases that are good at sticking to themselves but require the equipment to work harder to overcome internal friction. It is especially suited for open gear applications where greases containing solids are normally used. The microcrystalline structure of this grease functions in the same manner as the molybdenum type additives normally used. Suitable for use as a wire lubricant in marine applications.

Key Specifications: NLGI 0.5



### **CEPSA ARGAFORCE**

*CEPARGAFORCE018*

A super adherent and corrosion-resistant product. This synthetic grease incorporates solid lubricants and other additives that have been carefully selected to provide total stability against the highest pressures and loads. The grease is free of compounds that are harmful to the environment. Especially formulated for drag lines on ships, fishing boats, tugboats and open gears. It improves running conditions and permits rolling and settling of surfaces by plastic deformation of the metal, achieving less wear, an absence of pitting and seizure, and quieter operation.



## GREASES

### LITHIUM GREASES

#### EXTREME PRESSURE GREASE

*EPGR00045, EPGR0005, EPGR0025, EPGR020, EPGR055, EPGR180*

Red coloured lithium grease for general-purpose industrial and automotive greasing applications.  
Key Specifications: NLGI 2



#### MOLYGREASE EP 3%

*MOLY00045, MOLY0005, MOLY0025, MOLY055, MOLY180*

Lithium grease containing molybdenum disulphide for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings.  
Key Specifications: NLGI 2



#### INDGREASE LITH EP 0

*IGRLITHEP0020*

An NLGI 0, lithium based, mineral lubricating grease. It is made with a combination of antioxidants, corrosion inhibitors and Extreme Pressure (EP) and Anti Wear (AW) additives. It has a base oil viscosity of ISO VG 150 and is a semi-fluid type grease for use in many types of automotive and industrial applications including heavy duty service where high loads are encountered. It is suitable for rolling element bearings, plain bearings, gears and couplings, where an NLGI 0 grease is required.  
Key Specifications: NLGI 0, DIN 51502: KPOK-20, ISO 6743: ISO-L-XCCFBO



#### INDGREASE LITH R3

*IGRLR300045*

A high quality NLGI 3 consistency multi-purpose Rust & Oxidation (R&O) type, lithium soap thickened grease. It is designed as a multi-service grease for industrial applications, particularly high speed, low load bearing applications. It is an NLGI 3 grade with a base oil viscosity of ISO VG 100. Recommended for use in most types of industrial applications operating under high speed, low load conditions. It is suitable for rolling element bearings, plain bearings, gears and couplings. Applications include electric motors, pumps, fans & generators.  
Key Specifications: NLGI 3, DIN 51502: KP3K-20, ISO 6743: ISO-L-XCCFA3



#### SEMI FLUID GREASE

*SEMIO0045, SEMIO20*

NLGI 00 semi-fluid grease. Ideal for industrial applications requiring an extreme pressure fluid grease such as centralised systems, slasher gear boxes, fifth wheel and grease filled hubs. Can be used where either NLGI 00 or 000 grades are required.  
Key Specifications: NLGI 00





## LITHIUM COMPLEX GREASES

### HIGH TEMPERATURE WHEEL BEARING GREASE

*HTGR00045, HTGR0005, HTGR0025, HTGR020, HTGR055, HTGR180*

Purple-coloured, lithium complex grease for the lubrication of wheel bearings, particularly those in vehicles fitted with disc brakes, trailer applications, marine use and for general chassis greasing. Excellent resistance to water washout.

Key Specifications: NLGI 2



### ACT GREASE XEP2

*ACTXEP200045, ACTXXEP2180*

A tenacious, highly specialised semi-synthetic lithium complex grease designed for use in Agricultural and Construction equipment as well as on highway Trucks. Manufactured from a bismuth EP/AW system and utilising carefully blended polymers, it is coloured bright red-orange and meets NLGI 2 as well as having a 560 cSt base oil viscosity. This product is not recommended for use in high speed bearings in cars or other applications.

Key Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO-L-XBDIB2



### INDGREASE MOLY HT

*INDGRSMOLYHT180*

Indgrease Moly HT is a premium heavy duty, NLGI No. 2 grease designed for the mining industry. It is a smooth grey/black grease based on a lithium complex thickener. It is formulated with high quality high viscosity base stocks combined with extreme pressure additives for maximum loading applications and anti-wear protection, molybdenum disulphide for boundary protection against the heaviest sliding and shock or impact loading conditions, graphite and effective rust, oxidation and corrosion inhibitors. It is also adhesive and cohesive. It will resist "squeeze out" from surfaces requiring lubrication under load conditions. The extreme load capability makes it ideal for bucket pins, plain and roller bearings and all other heavy duty applications in the mining, sugar milling, construction and industry in general.

Key Specifications: NLGI 2



### INDGREASE 100 LXEP2

*INDGR100LXEP200045*

A premium, high melting point, lithium complex grease of NLGI 2 consistency made with a non-aggressive extreme pressure additive. It has a base oil viscosity of ISO VG 100 and is recommended for use in most types of industrial applications operating under high speed and conditions where shock loads, extreme pressure and vibration may occur. It can provide long life protection for rolling element bearings, plain bearings, gears and couplings in applications that include electric motors, pumps, fans & generators.

Key Specifications: NLGI 2, DIN 51502 KP2N-20, ISO 6743: ISO-L-XCDIB2



### MARINE GREASE

*MARGR00045*

Marine Grease has been formulated for use in many marine grease applications. These include boat trailer wheel bearings and general on-board greasing points in leisure craft and fishing fleets including winch gears, bearing buddies, stern drives, steering tubes and cables and prop shaft splines. It may also be used in wheel bearings of vehicles fitted with disc brakes. It is also suitable for other automotive and industrial applications requiring excellent rust and corrosion protection. These include rolling element bearings, plain bearings, chassis parts, gears and couplings, particularly where water is present such as in steel mills, underground tunnelling or mining and ore crushing plants. Contains additional rust inhibitors compared to standard products. ISO 220 base oil.

Key Specifications: NLGI 2



## CALCIUM COMPLEX GREASES

### INDGREASE 1615 WR

*INDGR1615WR018, INDGR1615WR180*

A calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and anti-wear additives since they are built in as an integral part of the soap structure. It is an NLGI 1.5 grade with a base oil viscosity of ISO VG 460. The extreme load carrying capacity and the excellent water resistance make the product a perfect choice for heavily loaded applications or wet and corrosive environments.

Key Specifications: NLGI 1.5, DIN 51 502:KP1.5N-20, ISO 6743: ISO-L-XBDFB1.5



### INDGREASE CX 220 WR

*INDGRCX220WR020, INDGRCX220WR180*

Indgrease CX 152 WR is a NLGI 2, calcium sulphonate complex thickened, extreme pressure lubricating grease based on mineral oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP- and anti-wear additives since they are built in as an integral part of the soap structure. It can be used to provide enhanced lubrication and protection for bearings, wire ropes and open gears found usually in marine environments. Other applications include boat trailer wheel bearings and general on-board greasing points in leisure craft and fishing fleets as well as automotive applications. It is also suitable for rolling element bearings, plain bearings, chassis parts, gears and couplings, particularly where water is present such as in steel mills, underground tunneling or mining and ore crushing plants.

Key Specifications: NLGI 2, DIN 51502: KP2N-20, ISO 6743: ISO-L-XBEIB2

*\*Please contact your Penrite representative regarding the availability of this product.*



## CLAY (BENTONE) BASED GREASES

### INDGREASE BM3

*IGRBM300045*

A bentone based grease containing molybdenum disulphide. It is particularly suitable for Terex Finlay BL Pegson Cone Crushers. May also be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and where high temperatures are experienced.

Key Specifications: NLGI 3



### BENTONE HD GREASE

*BENHDGR00045*

An NLGI No. 2, high temperature automotive and industrial grease manufactured from high quality base oils and a bentonite (clay) based thickener. It is formulated with extreme pressure additives to assist in the protection against wear in equipment involved in heavily loaded applications. Being a clay based grease, it is excellent at withstanding high temperatures. It has a base oil viscosity of ISO VG 460.

Key Specifications: NLGI 2



### COPPER EZE

*CEZE00005, CEZE0005, CEZE0025*

Non-melt, bentone-based anti-seize compound containing copper and other solid lubricants. Ideal for protecting external components against seizing and corrosion. Recommended for coating threads, nuts and bolts, exhaust manifold studs and drum/disc brake external parts. NB: Must not be applied to brake friction surfaces nor used for lubricating/assembling engine/gear train internal components.

Key Specifications: NLGI 1.5





## MIXED COMPLEX GREASES

### QCA GREASE MX9

*QCAG00045, QCAG020*

Advanced mixed complex grease with 9% solids AND with “built-in” extreme pressure and anti-wear properties and based on mineral oil for ultimate performance in agricultural, mining and construction equipment. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. Can be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and CV Joints.

Key Specifications: NLGI 2



### QCS GREASE MXG 0

*QCSMXG0018, QCSMXG0180*

An advanced technology grease made using a lithium-calcium complex soap with “built-in” extreme pressure and anti-wear properties and based on mineral oil. It is further enhanced by the addition of an anti-oxidant, corrosion inhibitors and 9% graphite. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. It is an NLGI 0 with a base oil viscosity of 500 cSt. Recommended for use in severe heavy duty applications where extreme, heavy shock loads are common. These include in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries. Applications include king pins, sleeve bearings, U-joints, chassis points. Ideal for use where QCA Grease MX9 is too heavy.

Key Specifications: NLGI 0, DIN 51 502: GOGON-20, ISO 6743: ISO-L-XBDIB0



### INDGREASE CXOG-05

*INDGRXCXOG5018, INDGRXCXOG5180*

An advanced technology, mixed-complex grease. It is made using a lithium-calcium complex soap with “built-in” extreme pressure and anti-wear properties. These are further enhanced by the addition of anti-oxidant and corrosion inhibitors. It also uses special tackifiers to help the product stay in place and adhere to critical surfaces where it can better lubricate metal surfaces. It is an NLGI 0.5 grade with a base oil viscosity of 800 cSt. Recommended for use in severe heavy duty applications where high shock loads are common including those in corrosive environments. These include in industrial plants and off-highway equipment used in the mining, agricultural, forestry and construction industries. Especially suited for open gear applications where greases containing solids are normally used. The microcrystalline structure of this grease functions in the same manner as the molybdenum type additives normally used.

Key Specifications: NLGI 0.5, DIN 51502 KPGOG0.5N-30, ISO 6743: ISO-L-XCDIB0.5



### INDGREASE LCX1100

*INDGRLCX1100018, INDGRLCX1100180*

A lithium-calcium complex thickened lubricating grease based on a high viscous mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology. The thickener, together with the high viscous base oil, make the product suitable for the lubrication of slow moving and heavily loaded bearings and is ideal for sugar mills. The product has good adhesion and mechanical stability even in presence of water and corrosive fluids. The specially developed bismuth additive package gives the grease a very high load carrying capacity and excellent wear protection. The product is the primary choice for applications where shock loads or severe water flushing can occur and is ideal for marine applications.

Key Specifications: NLGI 2



## STEAM CYLINDER OILS

### CYLINDER OIL MINERAL 900

*CYL900205*

Penrite Cylinder Oil Mineral 900 is a heavy straight run mineral oil manufactured via a hydro-treating process and does not contain any compounding additives. It may be used for the lubrication of steam cylinders as well as valve lubrication and is suitable for heavily loaded slow moving bearings and gears, where a demulsifiable oil is required. May also be used in old gearboxes where a "250" style oil is required and no extreme pressure additives are needed.



### CEPSA CILINDROS

Cepsa Cilindros is an ISO 460 compounded high quality steam cylinder oil possessing excellent lubricating properties and has effective resistance to thermal degradation. It has the ability to resist the washing effect of water and maintain good lubrication and sealing films in steam cylinders. The compounding also enhances the load carrying capabilities of the oil. Ideal for compressor brands on reciprocating compressors such as Ariel.



## OTHER PRODUCTS

### BRAKE FLUID SUPER DOT 4

*BF0004, BF0005, BF020*

For use in all brake systems and hydraulic clutches requiring non-petroleum type fluids. Typical boiling point 275°C (525F). May be used where DOT 3 or DOT 4 fluids are specified.

Key Specifications: US FMVSS No 116 Super DOT 4, Class 3/270, AS1960.1-2005 Grade 3, SAE J1703/1704, ISO 4925 Class 3



### PENBLUE

*PENBLUE010, PENBLUE210, PENBLUE1000LTR*

Penblue is an Aqueous Solution of Urea 32.5% in weight, and its trade name is that of an automotive grade urea solution, AUS 32, AdBlue®. AdBlue® is a NOx reducing agent required by SCR technology in vehicles that must comply with the emissions rules imposed by the European regulations EURO 4 and EURO 5. May be used in both light duty and heavy duty vehicles.

Key Specifications: DIN 70070, AUS 32



### POWER STEERING FLUID

*PSF0005, PSF001, PSF020*

Designed for use in power steering systems where automatic transmission fluids are specified and in Ford Falcon power steering units. The high load carrying ability makes it ideal for use in heavy trucks.

Key Specifications: M2C-134D



### BIO CLEAN

*BIOCLEAN020*

An industrial strength, all purpose, heavy duty product that can be used as both a degreaser and detergent. It is water based, biodegradable and phosphate free, making it environmentally safer to use. It is also a quick-break detergent, allowing oil and water to separate making it easier to remove the oil/grease layer when used with oil/water separators, interceptor pits and oil traps. Designed for use in a wide range of applications such as degreasing, cleaning workshop floors and surfaces, cleaning washrooms, pressure cleaning and vehicle washing.





## ENGINE COOLANTS

### HD LONGLIFE ECO1 ANTIFREEZE ANTIBOIL

*AFABECO1005, AFABECO1020, AFABECO1205, AFABECO11000LTR*

Penrite HD Longlife ECO1 Anti-Freeze is a hybrid organic product suitable for use in the cooling systems of most truck and bus engines where a conventional or hybrid type coolant has been specified. This includes in diesel engines with wet liners. Also ideal in agricultural and construction equipment. It is formulated to last 8000 hours in off-highway equipment or 4 years/600,000km in on highway trucks. Coloured Red.

Key Specifications: AS 2108-2004 Type A, Caterpillar EC-1, MB 325.3, Isuzu (GM 6277), JASO M325.



### HD LONGLIFE ECO1 ANTIFREEZE ANTIBOIL PREMIX

*AFABECO1PMX020, AFABECO1PMX205, AFABECO1PMX1000LTR*



### HD ANTI FREEZE ANTI BOIL 50/50 PREMIX

*HDAFAB50020, HDAFAB50205*

Penrite Heavy Duty AFAB 50/50 may be used in the cooling systems of most car, truck and bus engines where a conventional or hybrid type coolant has been specified. This includes in diesel engines with wet liners and also in agricultural and construction equipment. Coloured green.

Key Specifications: AS 2108-2004 Type A, Ford M97-B44A, TMC RP329, MB 325.0



### 6 YEAR EXTENDED DRAIN ANTI FREEZE/ANTI BOIL COOLANT CONCENTRATE

*6YRAFAB001, 6YRAFAB005, 6YRAFAB020, 6YRAFAB205*

An extended-life, Si-OAT glycol-based anti-freeze/anti-boil with a premium organic inhibitor, suitable for protecting cast iron and aluminium. Meets the most demanding standards for petrol and diesel engine manufacturers. Lasts up to 6 years in light duty vehicles and should be used at a 50% dilution rate. European OEM approved technology. Coloured magenta.

Key Specifications: AS 2108-2004 Type A, BMW, GM6277M, VW TL774F, Isuzu, Ford ESE M97-B44C/D, MB 325.5

Also available as 50% Ready-to-use Premix



### 6 YEAR EXTENDED DRAIN ANTI FREEZE/ANTI BOIL COOLANT PREMIX

*6YRAFABPMX001, 6YRAFABPMX005, 6YRAFABPMX020*



### 7 YEAR LONG DRAIN ANTI-FREEZE/ANTI-BOIL COOLANT CONCENTRATE

*COOLGREEN001, COOLGREEN0025, COOLGREEN005, COOLGREEN020, COOLGREEN060, COOLGREEN205*

A European style glycol-based product that protects against over-heating, freezing and corrosion. Suitable for use in a wide range of vehicles. Lasts up to 4 years and can be used at dilution rates from 33%-50%. European OEM approved technology. Coloured green.

Key Specifications: AS 2108-2004 Type A, MAN 324NF, BMW, HN 2217, VW TL774C, Isuzu, Ford ESE M97-B44A, MB 325.0

Also available as 33% Ready-to-use Premix



### 7 YEAR LONG DRAIN ANTI-FREEZE/ANTI-BOIL COOLANT PREMIX

*COOLGREENPMX001, COOLGREENPMX005, COOLGREENPMX020, COOLGREENPMX205*



## ENGINE COOLANTS

### RADIATOR INHIBITOR

#### *RI020*

A non-glycol based radiator inhibitor suitable for general workshop requirements.

Key Specifications: AS 2108-2004 Type B, ESR FM7C 35C, R1-4C.



### PGXL COOLANT PREMIX

#### *PGXPMXL020, PGXLPMX205, PGXLPMX1000LTR*

PGXL Coolant Premix is a blue coloured, heavy duty propylene glycol based, low silicate, phosphate and amine free hybrid engine coolant, designed for use in passenger car, light & heavy commercial vehicles where it is formulated to provide excellent high temperature protection. It provides excellent long term corrosion protection for aluminium, cast iron, brass, copper, steel and solder. It is especially formulated for heavy vehicle application and the protection of heavy diesel wet sleeve liners. PGXL Coolant is premixed and does not require any further dilution. For initial fills, it requires no supplemental cooling additives. It can be used in on road truck, off road mining, farm & marine applications. It will last 12,000 Hours or 1,000,000 km's or whichever comes first.

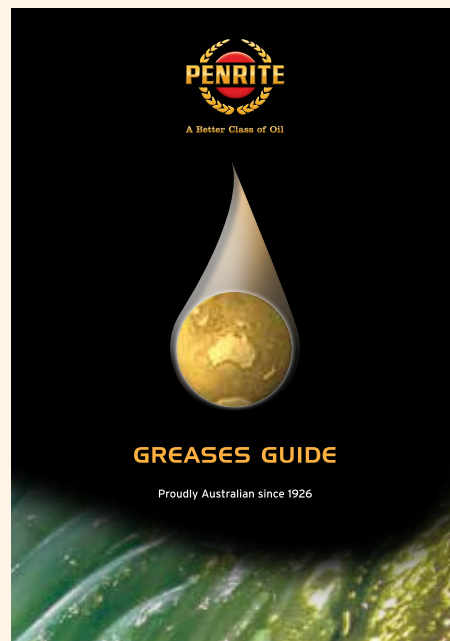
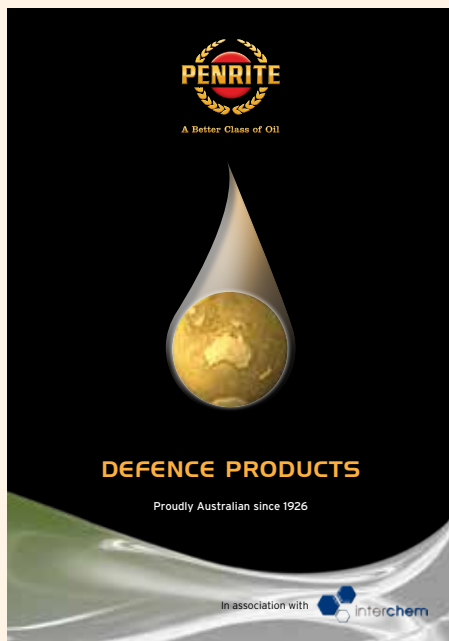
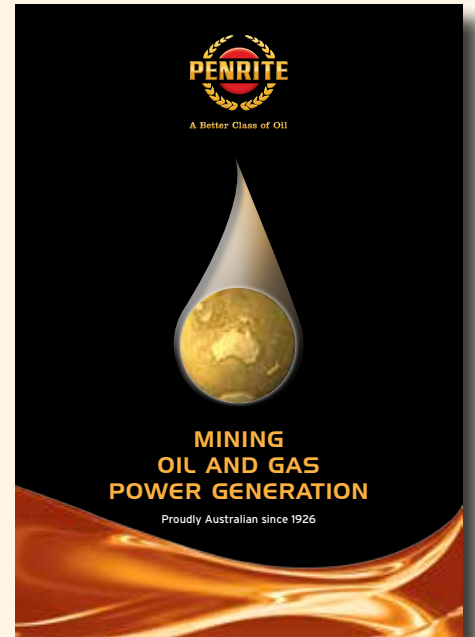
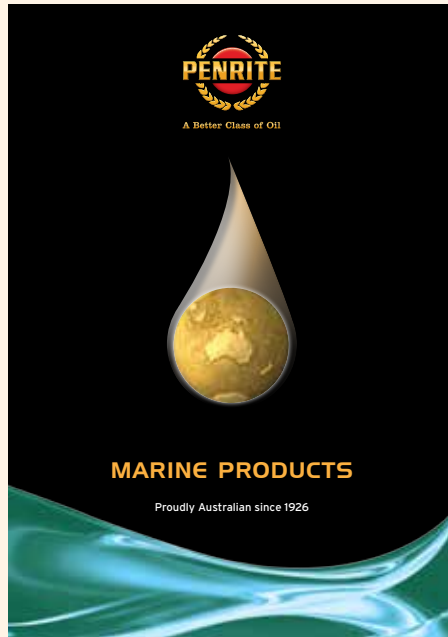
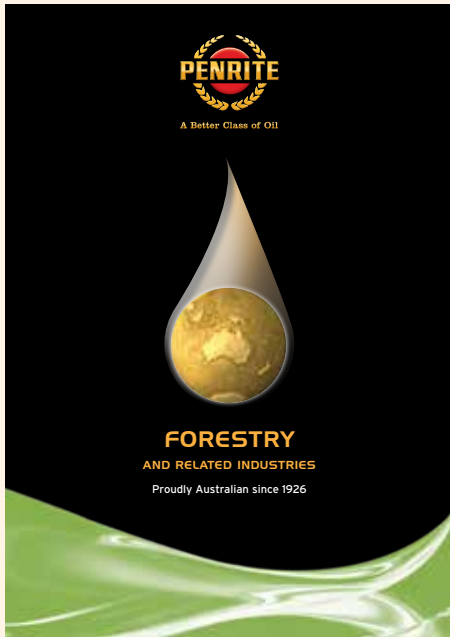
Key Specifications: ASTM D6257, D6211, TMC RP330







Please also ask your representative for our Industry Specific Brochures:



# PENRITE

# INDUSTRIAL DIVISION

## Message from our General Managers

I started at Penrite in 1981, two years after Dad bought the business, working in production. Here I learned and understood very quickly that product quality and innovation was indeed the foundation of Dads philosophy for Penrite.

Working in production was not my destiny so I went back to university and obtained a Bachelor Degree in accounting and returned to Penrite working in administration, in an accounting and customer service role. Here I learned that not only was the quality of the product important but, equally so, was the necessity to provide exceptional customer service.

In 2014, as General Manager Operations, I oversee the administration, supply chain and production components of the business. I like to think that the many years of service with Penrite has imbed the qualities my father bought to the business; the importance of a quality product, to be a fearless innovator, to work with customers, to work with integrity.

With such a sound base, I am really looking forward to the future. Our plans to take the organisation and products into countries and industries, that until now, have been unexplored is truly exciting.

Nigel Dymond  
General Manager, Operations



I followed in the footsteps of my late father, John, and studied Mechanical Engineering in Melbourne, Australia. After receiving my degree, I was employed as a Design Engineer for General Motors. During this time, I continued studying, receiving a Masters of Business Administration (MBA). Utilising my qualification's, I travelled internationally working for a number of blue chip insurance companies and banks.

In my role as General Manager Sales and Marketing I am committed to our on-going success in product innovation and manufacturing premium, quality products. Penrite has always had the philosophy that we make the right product for the right application with a 100% quality satisfaction guarantee and this will continue under my leadership. I am also very passionate about our staff and customers. We offer excellent support services to all our customers including 7 days a week technical phone advice, product and Industry training, as well as monthly business representation. These services together with our product range and next day delivery offer are some of the factors why Penrite is the Number 1 Recommended Oil Brand in Australia by Independent Mechanics.

I am very excited and positive about the future and our on-going commitment to manufacturing products for use throughout the world.

Toby Dymond  
General Manager, Sales and Marketing



The Dymond Family

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Lubricantes

Defence products in association with  
Interchem & Nyco



Correct as at April 2015



# PENRITE

## INDUSTRIAL DIVISION



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