



HEAVY DUTY RANGE

A RANGE OF FULL SYNTHETIC, SEMI SYNTHETIC & PREMIUM MINERAL ENGINE OILS WITH OEM APPROVALS & ANCILLARY PRODUCTS FOR TRUCK, COMMERCIAL & FARM APPLICATIONS

2 OEM APPROVED PRODUCTS COVER OVER 99% OF THE HEAVY DUTY TRUCK MARKET

DIESEL HD 15W-40

PREMIUM MINERAL
For Low Emission Engines

A high performance, heavy duty, OEM WARRANTY APPROVED, low ash mineral diesel engine oil for use in vehicles with and without Diesel Particulate Filters (DPF).

- Maximises DPF life and ideal for low emission engines including Euro IV and V
- Excellent mixed fleet oil
- Controls oil consumption through use of low volatility hydrocracked base oils
- Advanced formulation offers ideal wear and deposit protection and reduces soot thickening

KEY SPECIFICATIONS: API CJ-4/SM, ACEA E7/E9,
OEM APPROVALS: MAN N 3575, Renault RLD-3, Volvo VDS-4, Cummins CES 20081, MB-Approval 228.31, Mack EO-O Premium Plus
AVAILABLE IN 5, 10, 20, 60, 205 & 1000 L



ENVIRO+ 10W-40

FULL SYNTHETIC
Low SAPS Technology

A highly advanced, full synthetic OEM WARRANTY APPROVED, extended drain/mixed fleet, ultra high performance diesel (UHPD) oil formulated with additives of the highest standards to ensure protection against wear, corrosion, oil oxidation and sludge.

- Compatible with DPF, SCR and EGR exhaust treatment systems
- Extended long oil drains up to 100,000 km
- Controls oil consumption
- Provides ideal wear, bore polish and deposit protection

KEY SPECIFICATIONS: API CJ-4/SM, ACEA E4/E6/E9,
OEM APPROVALS: MB-Approval 228.51, Volvo VDS-4, Cummins CES 20081, Mack EO-O Premium Plus, Renault RLD-3
AVAILABLE IN 1, 5, 10, 20, 60 & 205 L



DIESEL FX 15W-40

PREMIUM MINERAL
Full Zinc

A mid ash diesel engine oil formulated with high quality additives and hydrocracked mineral oils.

- Excellent protection of engine parts
- Resists oil thickening
- Shear stable viscosity modifier maintains oil viscosity in service
- Mid ash formulation controls combustion chamber deposits
- Can be used in mixed fleets

KEY SPECIFICATIONS: API CI-4 PLUS/SL, ACEA E7/A3/B3, MB 228.3/229.1, Volvo VDS-3, Cummins CES 20071/72/76/77/78, Mack EO-M Premium Plus 03, MAN 3275, MIL-PRF-2104H/NATO O-1236
AVAILABLE IN 20, 60, 205 & 1000 L



HPR DIESEL 15 15W-50

SEMI SYNTHETIC
Extra Ten Full Zinc

A premium, semi synthetic SAE 15W-50 engine oil. Contains a **DOUBLE LAYER** of engine wear protection with **FULL ZINC** and Penrite's advanced **EXTRA TEN** technology.

- **EXTRA TEN** provides an extra layer of engine protection
- **FULL ZINC** anti-wear additive package for superior engine wear protection
- Protects against corrosion, oil oxidation and engine sludge
- Reduces wear by controlling soot deposits

KEY SPECIFICATIONS: API CI-4 PLUS/SL, ACEA A3/B4/E7, VW 505.00, JASO DH-1, JASO MA
NOTE: Alternative viscosities: SAE 15W-40 and 20W-40
AVAILABLE IN 1, 5, 10, 20, 60 & 205 L



FOR MORE INFORMATION PLEASE REFER TO APPLICATION GUIDE ON BACK



HEAVY DUTY RANGE APPLICATION GUIDE

ENGINE OILS

DIESEL HD
15W-40



ENVIRO+
10W-40



DIESEL FX
15W-40



HPR DIESEL
15W-50



Heavy Duty Vehicle Engines

ENGINE	Notes	Preferred	Alternative
Yr 2000-			
CATERPILLAR turbo prior to ADR 80/02, Euro 4		●	●
CATERPILLAR turbo ADR 80/02, Euro 4, C15		●	●
CUMMINS 5.9 L, Euro 2		●	●
CUMMINS Euro 3, & turbo in International & Mack trucks		●	●
CUMMINS ISC/ISX/Signature turbo prior to ADR 80/02, Euro 4		●	●
CUMMINS ISC-05, ISL (ADR 80/02 models), Euro 4		●	●
CUMMINS ISX/Signature turbo ADR 80/02, Euro 4, Euro 5		●	●
DAF PE/XE Euro 2, turbo except 530 hp		●	●
DAF PE/XE Euro 3, turbo	A	●	●
DAF PF/XF Euro 2 & XE 480 hp Euro 3	D	●	●
DAF XE 530 hp Euro 3	L	●	●
DETROIT Diesel without EGR		●	●
DETROIT Diesel with EGR (2007 on), incl DD15		●	●
FUSO 6M60-3AT1/3AT2, 6M70-6AT2/6AT4 turbo		●	●
HINO N04C-TU (& TV)		●	●
HINO N04C-TE (& TN), Hybrid	I	●	●
HINO A09C-TJ, A09C-TK, E13C-TL, E13C-TS		●	●
HINO J05D-TG, J08E-TB, J08E-TE, J08E-UA		●	●
HINO E13C-US, E13C-UY, E13C-VA, E13C-VS, N04C-TF		●	●
HINO S05C-TB		●	●
ISUZU 4HK1-TCS (Sitec II 205) Euro 4	F	●	●
ISUZU 6HK1-TCC, 6HK1-TCN/TCS, 6UZ1-TCN	F	●	●
ISUZU 6HF1-TCN CNG fuel	K	●	●
ISUZU 6W G1-TCC/TCS	F	●	●
ISUZU -other		●	●
IVECO Cursor	G	●	●
IVECO all other		●	●
MACK (E7, E9 models)	B	●	●
MACK MP8 (ADR 80/02, Euro 4 & ADR 80/03, Euro 3)		●	●

Heavy Duty Vehicle Engines

ENGINE	Notes	Preferred	Alternative
Yr 2000-			
MACK -other		●	●
MAN nat. aspirated		●	●
MAN turbo before Euro 3		●	●
MAN turbo Euro 3		●	●
MAN turbo Euro 4, Euro 5		●	●
MBE 4000 turbo without EGR		●	●
MBE 4000 turbo with EGR (2007 on)		●	●
MERCEDES OM442A/LA, (OM501LA, OM502LA up to 2006)	J	●	●
MERCEDES OM457LA, OM904LA, OM906LA, OM926LA		●	●
MERCEDES OM501LA, OM502LA from 2007		●	●
MERCEDES -other		●	●
MITSUBISHI engines		●	●
NISSAN GE13TB (ADR 80/02, Euro 4)		●	●
NISSAN J08-TE/TB (ADR 80/02, Euro 4)		●	●
NISSAN Euro 3		●	●
PACCAR CE Euro 3, PACCAR GR Euro 4 turbo		●	●
PACCAR PR/MX Euro 4, turbo		●	●
PERKINS T6 354.4, Phaser 110MT		●	●
PERKINS 6.354, 6.354.2, 6.354.4, 160T, 180TI, 210TI		●	●
RENAULT dCi (Euro 3)		●	●
RENAULT -other	C	●	●
SCANIA Euro 4 with DPF	E	●	●
SCANIA Euro 5 without DPF	M	●	●
SCANIA -others		●	●
STERLING MBE 4000 without EGR		●	●
STERLING MBE 4000, 2007 on, with EGR		●	●
VOLVO Euro 4 (ADR 80/02)		●	●
VOLVO Euro 5 (ADR 80/03)	H	●	●

The above information is a guide only. For the full and exact recommendations refer to **PENRITE'S LUBE GUIDE**.

NOTES

- A For long drain intervals use Enviro Plus 10W-40.
- B Models prior to 1998 may also use DFX.
- C For extended drain applications, use lubricant meeting Renault D5R specification.
- D For long drain intervals, use EPLUS 10W-40.
- E Manufacturer recommends oil meeting Scania Low Ash specification. May also use Diesel HD or oil meeting ACEA E9 5W-40, 10W-40, or 15W-40 with oil change reduced by 50%.
- F Model fitted with DPF (Diesel Particulate Diffuser) shown.
- G May also use CEP SA EUROTRANS SHPD 5W-30 meeting IVECO 18-1804 FE, available through Penrite.
- H May also use DHD, HPR Diesel 15, or DFX with reduced drain intervals.
- I Model with Diesel Particulate Active Reduction System (DPR) shown.
- J For long drain applications, use Enviro Plus 10W-40.
- K Manufacturer recommends Isuzu CNG Engine Oil 10W-40, Part No. 92956365. Refer to Dealer.
- L May also use CEP SA EUROTRANS SHPD 10W40 meeting Scania LDF-2, available through Penrite.
- M May (also) use CEP SA EUROTRANS SHPD 10W40 meeting Scania LDF-2, available through Penrite. May also use Enviro Plus 10W-40, with oil change intervals reduced by 50%.

COOLANTS

HD LONGLIFE ECO1

HD AFAB 50/50

4 YEAR HYBRID

6 YEAR SI-OAT

Heavy Duty Vehicles - Engines

CATERPILLAR	●	●
CATERPILLAR (EC-1)	●	●
CUMMINS	●	●
DAF	●	●
DETROIT DIESEL	●	●
DEUTZ	●	●
MAN	●	●
MTU	●	●
PERKINS	●	●
YANMAR	●	●

Heavy Duty Vehicles - Machinery

ATLAS	●	●
CAIH	●	●
DEMAG	●	●
FENDT	●	●
GINAF	●	●
GOTTWALD	●	●
GROVE	●	●
HIAB	●	●
JI CASE	●	●
JOHN DEERE	●	●
JONSERED	●	●
KUBOTA	●	●
LEIBHERR	●	●

Heavy Duty Vehicles - Trucks

AVIA TRUCKS	●	●
DAEWOO	●	●
DAF	●	●
FORD	●	●
FREIGHTLINER	●	●
GMC	●	●
HINO	●	●
INTERNATIONAL/IVECO	●	●
ISUZU	●	●
KENWORTH	●	●
LIAZ	●	●
MACK	●	●
MAN	●	●
MERCEDES-BENZ	●	●
MITSUBISHI FUSO	●	●
NISSAN	●	●
PEGASO	●	●
PETERBILT	●	●
RENAULT	●	●

**PENBLUE
ADBLUE®**

AVAILABLE IN
10, 210 & 1000 L

**MONO
TRUCK 30
SAE 30**

AVAILABLE IN
20 & 205 L

**MONO
TRUCK 40
SAE 40**

AVAILABLE IN
5, 20 & 205 L

**MONO
TRUCK 50
SAE 50**

AVAILABLE IN
20 & 205 L

**UNIVERSAL
FARM
OIL**

AVAILABLE IN
20 & 205 L