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AUSTRALIAN OWNED AND TRUSTED SINCE 1926 

INDUS HV 46 (Zinc Free)

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PRODUCT CODE	PACK SIZE	CARTON QTY
INDUSHV46020	20L	
INDUSHV46205	205L	

PRODUCT BENEFITS

Indus HV 46 is a premium quality, ISO 46 HV (**High Viscosity Index**), **Zinc and Chlorine free**, ashless hydraulic oil made from selected hydro-treated base stocks, a highly shear stable viscosity modifier and an advanced AW (anti-wear) additive. In addition it contains a fluorescent dye to allow for easy identification in daytime or under UV light in dark conditions.

It meets ISO 6743 Part 4, Type HV and DIN 51524 Part 3 (HLP/HVLP) specifications

APPLICATION

Indus HV 46 oil is 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.

Indus HV 46 is recommended for use in all types of hydraulic systems using vane, piston or gear pumps, air-line lubricators, vacuum pumps, lightly loaded gear sets and bearings (such as headstocks, windmill gears) and hydraulic hoists and jacks.

Indus HV 46 can be use in Marine applications which includes deck equipment, steering gear and bow & stern thrusters.

Indus HV 46 is recommended for use in severe duty grape harvester hydraulic systems.

Please Note: A 58mm cap with pouring tap is available to fit 20 litre packs.
<https://penriteoil.com.au/products/58mm-plastic-tap>

PRODUCT BENEFITS

- Combats rust, oxidation, wear & foaming
- Reduces sludge formation
- Compatible with silver components
- Provides good water separation
- Can be used over a wide range of temperatures
- Coloured green for easy identification
- Shear stability maintains equipment performance
- Fluoresce a light yellow colour under UV light
- Lower start up viscosity increases energy efficiency
- Zinc and Chlorine free

PRODUCT PERFORMANCE LEVELS

- AAMA 524 Part 3
- AFNOR NFE 48-603
- AFNOR NFE 48-690
- Bosch Rexroth RE90 220
- Cincinnati Milacron P-70
- Denison HF-0 (T6H20C)
- Denison HF-2
- DIN 51524 Part 3 (HLP/HVLP)
- German Steel SEB 181 222
- Hagglunds AC-4.8
- ISO 11158
- ISO 11184
- ISO 46
- ISO 6743 Part 4, Type HV
- SAE MS 1004 Type HV
- US Steel 126
- US Steel 127
- Vickers I-286-S3
- Vickers M-2952-S





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TYPICAL DATA

Colour	Green
ISO Grade	46
Density at 15°C, kg/L	0.855
Viscosity, Kinematic, cSt at 40°C	46
Viscosity, Kinematic, cSt at 100°C	8.3
Viscosity Index	157
FZG Pass Stage	11
DIN 51382, 30 Cycles After Shear, cSt at 100°C	8.27