



# PENRITE



**85% REDUCTION  
IN LANDFILL  
WASTE**

## INDUS HV 100 (Zinc Free)

Last updated: 15/01/2024 7:58 am

PRODUCT CODE	PACK SIZE	CARTON QTY
INDUSHV100020	20L	
INDUSHV100205	205L	

### PRODUCT BENEFITS

**Indus HV 100** is a premium quality, ISO 100 HV (**High Viscosity Index**), **Zinc & 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 100** 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 100** 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 100** can be use in Marine applications which includes deck equipment, steering gear and bow & stern thrusters.

**Indus HV 100** Indus HV 100 can be used in Tennant Sweepers.

**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 and 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
- Fluorescent 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
- Denison HF-0 (T6H20C)
- Denison HF-2
- DIN 51524 Part 3 (HLP/HVLP)
- German Steel SEB 181 222
- Hagglunds AC-4.8
- ISO 100
- ISO 11158
- ISO 11184
- 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	100
Density at 15°C, kg/L	0.871
Viscosity, Kinematic, cSt at 40°C	101
Viscosity, Kinematic, cSt at 100°C	14.5
Viscosity Index	147
FZG Pass Stage	NA
DIN 51382, 30 Cycles After Shear, cSt at 100°C	14.3