



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## INDUS HV 15 (Zinc Free)

Last updated: 03/05/2019 10:15 am

PRODUCT CODE	PACK SIZE	CARTON QTY
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### PRODUCT BENEFITS

**Indus HV 15** is a premium quality, ISO 15 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 they contain 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 15** oils 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 15** 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 15** can be used in Marine applications which includes deck equipment, steering gear and bow thrusters.

**Indus HV 15** can be used in some forklift hydraulics in cold stores/freezers or for high speed hydraulically operated machine tools.



### PRODUCT BENEFITS

- Formulated to combat rust, oxidation, wear and foaming and reduced sludge formation
- Zinc and Chlorine free; compatible with silver components
- Provides good water separation
- Can be used over a wide range of temperatures
- Exceptional shear stability maintains equipment performance
- Fluoresce a light yellow colour under UV light

### INDUSTRY & MANUFACTURER'S SPECIFICATIONS

- |                               |                            |
|-------------------------------|----------------------------|
| • AAMA 524 Part 3             | • ISO 11158                |
| • AFNOR NFE 48-603            | • ISO 11184                |
| • AFNOR NFE 48-690            | • ISO 15                   |
| • Bosch Rexroth RE90 220      | • ISO 6743 Part 4, Type HV |
| • Denison HF-0 (T6H20C)       | • M-2952-S                 |
| • Denison HF-2                | • SAE MS 1004 Type HV      |
| • DIN 51524 Part 3 (HLP/HVLP) | • US Steel 126             |
| • German Steel SEB 181 222    | • US Steel 127             |
| • Haggblunds AC-4.8           | • Vickers I-286-S3         |

### TYPICAL DATA

Colour	Green
ISO Grade	15
Density at 15°C, kg/L	0.844
Viscosity, Kinematic, cSt at 40°C	14.8
Viscosity, Kinematic, cSt at 100°C	3.9
Viscosity Index	165
FZG Pass Stage	NA
DIN 51382, 30 Cycles After Shear, cSt at 100°C	3.9