



## Product Information

# INDUS HV

**Codes:** *INDUSHV46020, INDUSHV46205, INDUSHV68020, INDUSHV68205, INDUSHV100020, INDUSHV100205*

**Issue:** *January 2010*

A range of premium quality, ashless hydraulic oils made from selected base stocks, highly shear stable viscosity modifier and an advanced anti-wear additive. In addition they contain a fluorescent dye to allow for easy identification in daytime or under UV light in dark conditions.

### APPLICATION

Penrite Indus HV 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.

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.

Some specific applications are given below.

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

Penrite Indus HV 68 is recommended for use severe duty cane harvester hydraulic systems and in Dingo equipment.

Penrite Indus HV 100 can also be used in Tennant Sweepers.

### CUSTOMER BENEFITS

- Formulated to combat 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
- Fluoresce a light yellow colour under UV light.

### 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	
German Steel SEB 181 222	GM LS-2

## Typical Properties

	HV46	HV68	HV100
ISO Grade	46	68	100
Viscosity, Kinematic, cSt			
at 40°C	46	69	101
at 100°C	8.3	9.9	13.1
Viscosity Index	157	125	127
DIN 51382, 30 Cycles After Shear, cSt at 100°C	8.27	9.7	12.6
FZG Pass Stage	11	11	11