



PENRITE

INDUS HV HYDRAULIC OILS

Product Code:	Pack Size:	Carton Qty:	Product Code:	Pack Size:	Carton Qty:
INDUSHV32005	5 Litre	4	INDUSHV46005	5 Litre	4
INDUSHV32020	20 Litre		INDUSHV46020	20 Litre	
INDUSHV32205	205 Litre		INDUSHV46205	205 Litre	
Product Code:	Pack Size:	Carton Qty:	Product Code:	Pack Size:	Carton Qty:
INDUSHV68005	5 Litre	4			
INDUSHV68020	20 Litre		INDUSHV100020	20 Litre	
INDUSHV68205	205 Litre		INDUSHV100205	205 Litre	

Issue: April 2013

A range of premium quality, high viscosity index, ashless hydraulic oils made from selected hydro-treated base stocks, a 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, air line 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 32 can be used in some JCB farm and earthmoving hydraulic systems.

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
- Exceptional shear stability maintains equipment performance
- Fluoresce a light yellow colour under UV light
- Lower start up viscosity increases energy efficiency
- Zinc and Chlorine free

Industry Specifications

Vickers I-286-S3, M-2952-S
Hagglunds AC-4.8
Denison HF-2
SAE MS1004 Type HV
Bosch Rexworth RE90 220
Denison HF-0 (T6H20C)

DIN 51524 Part 3 (HLP/HVLP)
ISO 6743 Part 4, Type HV
AFNOR NFE 48-603
Cincinnati Milacron P-68, (32) P-69 (68), P-70 (46)
ISO11158/11184

US Steel 126, 127
AAMA 524 Part 3
German Steel SEB 181 222
AFNOR NFE 48-690

Typical Data

	HV32	HV46	HV68	HV100
ISO Grade	32	46	68	100
Colour	Blue / Green	Blue / Green	Blue / Green	Blue / Green
Viscosity, Kinematic, cSt				
at 40°C	30	46	71	101
at 100°C	6.1	8.3	11.7	14.5
Viscosity Index	157	157	160	147
DIN 51382, 30 Cycles After Shear, cSt at 100°C	6.1	8.27	11.5	14.3
FZG Pass Stage	11	11	11	11

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request



PENRITE OIL COMPANY PTY LTD, 88 Lewis Road, Wantirna South
Victoria AUSTRALIA 3152, ABN 25 005 001 525
Enquiries: Phone 1300-PENRITE (1300 736 748)
Fax: 1800-PENRITE (1800 736 748)
International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977
New Zealand Ph: 0800 533 698, Fax: 0508 736 748

**PROUDLY AUSTRALIAN
FAMILY OWNED
SINCE 1926**

