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## PRO HYDRAULIC 46 (Mineral)

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PRODUCT CODE	PACK SIZE	CARTON QTY
PROHYD46005	5L	4
PROHYD46020	20L	
PROHYD46205	205L	
PROHYD461000LTR	1000L	



### PRODUCT BENEFITS

**Pro Hydraulic 46** is a high quality, ISO VG 46, zinc enhanced hydraulic oil made from premium base oils with zinc (ZDDP) advanced anti-wear additive

### APPLICATION

**Pro Hydraulic 46** is recommended for use in hydraulic systems such as in outdoor mobile equipment (excavators, loaders, cranes, bulldozers, tractors etc), marine, mining, manufacturing, construction, civil, agriculture/harvesting, transport & forestry.

It is recommended for all types of hydraulic systems using vane, piston or gear pumps, air line lubricators, vacuum pumps, lightly loaded gear sets and bearing (such as headstocks, windmill gears) and hydraulic hoists and jacks.

It may be used in machinery manufactured by -

Caterpillar, Doosan (Develon), Hitachi CM, Hyundai CE, JCB, Kobelco, Kobota, Komatsu, Liebherr, Sany, Volvo CE, XCMG and others as well as in components manufactured by Bosch Rexroth, Hågglunds, Danfoss, Eaton, Kawasaki & Parker Hannifin.

**Note:** For wide temperature applications, Penrite recommend High Viscosity Index Fluids such as Ultra HV (Zinc Free) or Super HV (Zinc Enhanced)

**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 against rust, foaming & oxidation (oil degradation)
- Reduces sludge & deposits
- Excellent air release
- Demulsibility properties to provide water separation
- Zinc enhanced for anti-wear protection

### PRODUCT PERFORMANCE LEVELS

- AIST (USS) 126
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- ASTM D6158 (HM)
- Bosch Rexroth Fluid Rating RDE 90245
- China GB 11118.1 L-HM
- DIN 51524 Part 2 (HLP Type)
- Eaton E-FDGN-TB002-E
- Eaton Vickers I286-S
- Eaton Vickers M-2950-S
- ISO 11158 (ISO-L-HM)
- Kawasaki Heavy Industries JCMAS D-041
- Komatsu KES 07.841.1
- Parker Denison HF-0
- Parker Denison HF-1
- Parker Denison HF-2

### TYPICAL DATA

Colour	Amber
ISO Grade	46
Density at 15°C, kg/L	0.864
Viscosity, Kinematic, cSt at 40°C	44.6
Viscosity, Kinematic, cSt at 100°C	6.7
Viscosity Index	103
Zinc, Mass %	0.032