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CORE HYDRAULIC 46 (Mineral)

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PRODUCT CODE	PACK SIZE	CARTON QTY
COREHYD46020	20L	
COREHYD46205	205L	
COREHYD461000LTR	1000L	

PRODUCT BENEFITS

Core Hydraulic Oil 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

Core Hydraulic Oil 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)

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

- ASTM D6158 (HM)
- DIN 51524 Part 2 (HLP Type)
- ISO 11158 (ISO-L-HM)

TYPICAL DATA

Zinc, Mass PPM	260
Phosphorous Mass, PPM	250
CA Mass, PPM	44
Colour	Clear Amber
Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt at 40°C	46.3
Viscosity, Kinematic, cSt at 100°C	7.2
Viscosity Index	115
Flash Point, °C	211

