

Hydraulic Oils - Synthetic

Description :

Divyol Hydraulic Oils XH are fully synthetic PAO base, zinc free, ash less anti-wear additive designed to improve energy and long drain intervals for plastic injection molding, metal pressing and mining conveyors. This fluid is specially designed to reduce wear and resistance to breakdown with water or other contamination.

Performance Level : Meets

ASTM D6158 (HM fluids),
DIN 51524 Part 2 HLP Type,
Dension Hydraulic (HF-0, HF-1, HF-2),
ISO 11158 (HM fluids),
Eaton Vickers M-2950 S,
Cincinnati Machine P-68 (ISO 32),P-70 (ISO 46), P-69 (ISO- 68).

Application :

These oils can be used in hydraulic and power transmission systems, and also used in hydraulic systems of numerically controlled machines with servo valves and in hydraulic systems of excavators, cranes and hydrostatic drives.

Performance Benefits :

- Exceed 10,000 hours of Turbine oil stability test (TOST) life.
- 65% less wear in Vickers V104C pump wear test.
- Outstanding protection against sludge build up, valve sticking and corrosion.
- Improves energy efficiency of hydraulic system and energy saving.
- Extended oil change interval and reduces overall maintenance costs.

Typical Physical Characteristics :

Sr. No.	Characteristics	Test Method	Hydraulic Oil XH	
			32	46
2	Kinematic viscosity @ 40°C, cSt	ASTM D 445	32	46
3	Kinematic viscosity @ 100°C, cSt	ASTM D 445	6.1	8.2
4	Viscosity index	ASTM D 2270	145	142
5	Flash point, COC, °C	ASTM D 92	260	260
6	Pour point, °C	ASTM D 97	Minus 42	Minus 42
7	Density @29.5°C	ASTM D 1298	0.832	0.832