

HI PUMP 46

Antiwear, Ashless Hydraulic oil

USES

- Hydraulic systems operating under high pressure and/or temperature conditions (earthmoving, excavator, loader...)
- High-pressure vane, piston or gear pumps.
- Sensitive hydraulic circuits requiring absolute filterability of the fluid (very fine servo valve play) : plastic moulding machine.
- Any hydraulic systems where the risk of contamination of the environment and waters exist.
- Any application where an antiwear, high-performance oil is necessary.

PROPERTIES

- Excellent antiwear properties ensuring protection of machine parts.
- Exceptional oxidation and aging stability : greater service oil life and lengthening of oil change intervals.
- Environmentally friendly formulation
- Prevents formation of deposits in the circuit thanks to remarkable thermal stability : cleaner circuits, less clogging of the filters. Reduced maintenance costs.

SPECIFICATION

- ISO 6743/4 HM

CHARACTERISTICS

Test Items	Method	Unit	ISO VG 46
Specific Gravity 15/4 °C	ASTM D 1298	-	0.8475
Color	ASTM D 1500	-	L0.5
Viscosity 40 °C	ASTM D 445	mm ² /s (cSt)	46.24
100 °C		mm ² /s (cSt)	8.202
Viscosity Index	ASTM D 2270	-	153
Total acid number	ASTM D 664	mgKOH/g	0.14
Flash Point	ASTM D 92	°C	250
Pour Point	ASTM D 97	°C	-40

Above characteristics are mean values given as an information.