



HYDRAULIC OIL HPV 46

Product Description:

HYDRAULIC OIL HPV 46 is an universal high viscosity index (HVI) mineral grade AW oil for use in heavy duty hydraulic systems, light duty gearboxes, bearings and general lubrication applications. This product is not suitable for the use in turbine applications.

HYDRAULIC OIL HPV 46 is formulated with high quality re-refined mineral base stocks in combination with a special AW-additive technology to achieve the following performance:

- Good stability against oxidation.
- High Viscosity Index.
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.
- Very good thermal stability.

HYDRAULIC OIL HPV 46 meets the following performance criteria:

DIN 51524-3 HVLP
AFNOR NF E 48-603 HV

ISO 11158 HV

ASTM D6158 HV



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Colour		ASTM D1500	3.5
Density@15°C	kg/m ³	ASTM D4052	870
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	47.3
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	8.8
Viscosity Index		ASTM D2270	168
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D7346	-48
Air Release Value @50°C	Minutes	ASTM D3427	8
Demulsibility @54°C	Minutes	ASTM D1401	15

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