



## Hydraulic Oil HPV 46

Product Code: 78790

HVI Mineral hydraulic fluid

**Hydraulic Oil HPV 46** is an universal HVI mineral high grade AW oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. This product is not suitable for 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    ISO 11158 HV    ASTM D6158 HV    AFNOR NF E 48-603 HV

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	871.5
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	46.6
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	8.6
Viscosity Index		ASTM D2270	164
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D7346	-48
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

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