



Hydraulic Oil HPV 46

HVI Mineral hydraulic fluid

Product Code: 78790

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 51524-2 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 ³ | ASTM D4052 | 861 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 44 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 8.5 |
| Viscosity Index | | ASTM D2270 | 169 |
| Flash Point COC | °C | ASTM D92 | >185 |
| Pour Point | °C | ASTM D7346 | -45 |
| Air Release Value @50°C | Minutes | ASTM D3427 | Pass |
| Demulsibility @54°C | Minutes | ASTM D1401 | Pass |

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| Date Issued: 10-03-2022 | Supersedes: 23-03-2021 | Revision Nr.: 04 |
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