



Hydraulic Oil HV 32

Mineral hydraulic fluid

Product Code: 76590

Hydraulic Oil HV 32 is an universal HVI mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

Hydraulic Oil HV 32 is formulated with high quality refined mineral base stocks in combination with a special EP-additive technology to achieve the following performance:

- Excellent 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 HV 32 exceeds the following performance criteria:

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|------------------|--------------------------------|---------------|------------------------|
| DIN 51524-3 HVLP | ISO 11158 HV | ASTM D6158 HV | AFNOR NF E 48-603 HV |
| Cincinnati P-68 | Eaton Vickers M-2950-S / I-286 | | Sauer Danfoss 520L0463 |

Typical Analysis

| Properties | Unit | Method | Typical Value |
|-------------------------|--------------------|------------|---------------|
| ISO VG Grade | | ISO 3448 | 32 |
| Density @15°C | kg/m ³ | ASTM D4052 | 869.1 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 32.3 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 6.5 |
| Viscosity Index | | ASTM D2270 | 160 |
| Flash Point COC | °C | ASTM D92 | >190 |
| 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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| Date Issued: 3-1-2025 | Supersedes: 09-03-2022 | Revision Nr.: 04 |
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