

PRODUCT CERTIFICATE



TIPP-OIL HVLPD 68

TIPP OIL Manufacturer GmbH Co. KG

Am Langen Kamp 2
59192 Bergkamen · Germany

Tel: (+49) 02307 9703274
Web: www.tippoil.com

Fax: (+49) 02307 9703275
E-Mail: contact@tippoil.com

Company registration number: HRA4299
Sales tax identification number: DE331814405

Revised on: 18.03.2025 | Number of the version: 01 | Replaces version: 01

Description:

Tipp-Oil HVLPD 68 is a detergent hydraulic oil with a high viscosity index for use in a wide temperature range (multigrade hydraulic oil). HVLPD 68 is characterised particularly by good viscosity-temperature behaviour, high ageing resistance and reliable corrosion protection. HVLPD 68 also contains dispersing and detergent agents that always ensure clean hydraulics. These additives dissolve contaminants, keep them in suspension and thus enable the cleaning of contaminated hydraulic systems. Penetrating water is emulsified and trouble-free operation of the hydraulic system is guaranteed.

Instructions for use:

Tipp-Oil HVLPD 68 is particularly suitable for use in hydraulic systems that are exposed to strongly fluctuating operating temperatures, abrasion, dirt and water. HVLPD 68 is ideal for heavy-duty mobile (agricultural, forestry and construction machinery) and stationary (industrial plants, etc.) hydraulic systems.

Specification:

- AFNOR NF E 48-603 HV
- CETOP RP 91H HV
- DIN 51524-3
- ISO 6743-4 HV

Recommendation:

- Denison HF-0/HF-1/HF-2
- Eaton/Sperry Vickers 1-286-S
- Eaton/Sperry Vickers M-2950-S
- GM LH-04-1, GM LH-06-1, GM LH-15-1
- US Steel 136

PRODUCT CERTIFICATE



TIPP-OIL
HVL PD 68

TIPP OIL Manufacturer GmbH Co. KG

Am Langen Kamp 2
59192 Bergkamen · Germany

Tel: (+49) 02307 9703274
Web: www.tippoil.com

Fax: (+49) 02307 9703275
E-Mail: contact@tippoil.com

Company registration number: HRA4299
Sales tax identification number: DE331814405

Revised on: 18.03.2025 | Number of the version: 01 | Replaces version: 01

Features & Benefits:

- Zinc and ash-free
- Excellent wear protection
- Good oxidation stability
- Very low pour point
- Reliable protection against corrosion even when absorbing moisture
- Excellent detergent and dispersing properties
- Good air and water separation capacity, thus preventing foam formation
- Neutral towards plastic seals
- Excellent detergent and dispersing properties
- Good air and water separation capacity, thus preventing foam formation

Technical specifications:

| Properties | Data | Unit | Testing under |
|------------------------------|--------|--------------------|------------------|
| kinematic viscosity at 40°C | 68,8 | MM ² /S | DIN ISO 51562-2 |
| kinematic viscosity at 100°C | 11,6 | MM ² /S | DIN ISO 51562-2 |
| viscosity index | 163 | | DIN ISO 2909 |
| appearance | Yellow | | VISUELL |
| density at 15°C | 869 | KG/M ³ | DIN EN ISO 12185 |
| Pour Point | -42 | °C | ASTM D 7346 |

All declared values are approximate and subject to standard production variations. To the best of our knowledge all information reflects the current state of findings and our development.

Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems arise, please consult a technician. 26.07.2024 02:00:00