

# PRODUCT DATA SHEET



## TIPP-OIL HLPD 100

### TIPP OIL Manufacturer GmbH Co. KG

Am Langen Kamp 2  
59192 Bergkamen · Germany

Tel: (+49) 02307 9703274  
Web: [www.tippoil.com](http://www.tippoil.com)

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

Company registration number: HRA4299  
VAT number: DE313987910

Revised on: 02.04.2025 | Number of the version: 01 | Replaces version: 01

### Description of the

Tipp-Oil HLPD 100 is a detergent hydraulic oil and therefore has a high wetting and cleaning effect. It is designed on the basis of selected base oils with additives to prevent corrosion, wear and friction. HLPD 100 also contains dispersing and detergent agents that always ensure clean hydraulics. These additives dissolve impurities, keep them in suspension and thus enable the cleaning of contaminated hydraulic systems. This keeps the functional elements of a hydraulic system free from deposits and adhesions. Penetrating quantities of water are emulsified and trouble-free operation of the hydraulic system is guaranteed.

### Application notes

Tipp-Oil HLPD 100 is used in hydraulic systems, in agriculture, construction machinery, cement factories, foundries, electric multi-disc clutches, as a functional test oil, as a running-in oil for units and machines, in textile machines and in machine tools. HLPD 100 exceeds the requirements for hydraulic oils HLP according to DIN 51 524 Part 2 for hydraulic systems.

### Quality classification specifications:

- DIN 51524-2

### Recommendation:

- Daimler Chrysler DBL 6721

### Properties:

- High ageing resistance
- Good air separation capacity
- Neutrality towards sealing materials
- Ash and zinc-free
- Extensive protection against wear, corrosion and foaming
- Very stable and excellent viscosity and temperature behaviour
- Excellent detergent and dispersing properties
- Excellent corrosion protection even when absorbing moisture

# PRODUCT DATA SHEET



TIPP-OIL  
HLPD 100

**TIPP OIL Manufacturer GmbH Co. KG**

Am Langen Kamp 2  
59192 Bergkamen · Germany

Tel: (+49) 02307 9703274

Fax: (+49) 02307 9703275

Web: [www.tippoil.com](http://www.tippoil.com)

E-Mail: [contact@tippoil.com](mailto:contact@tippoil.com)

Company registration number: HRA4299

VAT number: DE313987910

Revised on: 02.04.2025 | Number of the version: 01 | Replaces version: 01

## Technical characteristics:

Eigenschaften	Daten	Einheit	Prüfung nach:
kinematic viscosity at 40°C	100,0	MM <sup>2</sup> /S	DIN ISO 51562-2
kinematic viscosity at 100°C	11,4	MM <sup>2</sup> /S	DIN ISO 51562-2
viscosity index	100		DIN ISO 2909
appearance	Yellow		
visuell density at 15°C	878	KG/M <sup>3</sup>	DIN EN ISO 12185
Pour Point	-21	CELSIUS	ASTM D 7346

All data given are approximate values and are subject to the usual production fluctuations. To the best of our knowledge, all information corresponds to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of problems, please request technical advice.

26.07.2024 04:52:00