



IPT International Petroleum Trading LTD  
Robert-Bosch-Strasse 12  
25335 Elmshorn  
Company registration number: HRB 13315 PI  
Sales tax identification number: DE313987910  
**E-mailadress:** [contact@tippoil.com](mailto:contact@tippoil.com)  
**Website:** [www.tippoil.com](http://www.tippoil.com)  
Tel: +4923036728527

product certificate TIPP-OIL Mineral Hydraulic HLP 68

Mineral Hydraulic HLP 68 is an optimally alloyed hydraulic oil. It has a high performance level and a wide range of applications within the entire industry. Mineral Hydraulic HLP 68 is characterized by good viscosity and temperature behaviour, high ageing resistance and reliable corrosion protection.

Application note:

Mineral Hydraulic HLP 68 can be used universally in all hydraulic systems. It is recommended for thermally highly stressed hydraulic systems with high-pressure pumps of all types, in sensitive control systems and also for supplying small gears and for use in circulation systems.

Specifications:

DIN 51524 Part 2 HLP

Tried and tested in practice in units with filling regulations:

CETOP RP 91 H, Eaton Vickers I-286-S Industrial, Eaton Vickers M-2950-S Mobile, ISO 11158 HM

Properties:

High ageing resistance

High level of performance

Extensive protection against wear, corrosion and foam formation

Neutrality towards sealing materials

High demands for a long service life



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Properties Data Unit Test according to

kinematic viscosity at 40°C 68 MM<sup>2</sup>/S DIN ISO 51562-2

Viscosity index 114 DIN ISO 2909

Colour Yellow visual

Density at 15°C 877 KG/M<sup>3</sup> DIN EN ISO 12185

Pourpoint -24 °C ASTM D 7346

All data are approximate values and are subject to the usual production fluctuations.

To the best of our knowledge and belief, all data correspond 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 case of problems, please request technical advice.



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