



HYDROL EXTRA HLPD 32

Quality class: ISO 6743/4 – HM
Viscosity grad: ISO VG: 32

GENERAL FEATURES:

HYDROL EXTRA HLPD 32 is a high quality zinc-free hydraulic oil with detergent properties. The product was made on a basis of deeply refined base oils and quality package with anti-wear, antioxidative, and anticorrosive characteristics. Moreover, the oil contains cleaning and dispersing additives enabling to disperse solid contamination and emulsify liquid contamination which can be present in the system. HYDROL EXTRA HLPD 32 has raised anti-wear AW and extreme pressure EP properties, Burgger test result > 45 N/mm². Characteristic features:

- very good detergent and dispersing properties – enables to maintain system purity
- very good anti-corrosive and anti-wear characteristics
- good resistance to oxidation
- good air release and low foaming
- very good filterability even in presence of water
- does not contain zinc and silicon

APPLICATION:

HYDROL EXTRA HLPD 32 is a high quality zinc-free hydraulic oil with detergent properties. The product is designed for use in stationary and mobile hydraulic systems operating in variable exploitation conditions under high pressure and high thermal load. The oil is dedicated particularly for continuous operation and in case of risk of system contamination with water or vapor (e.g. hydraulic systems in machine tools where machining emulsion may contaminate the system).

STANDARDS, APPROVALS. SPECIFICATION:

ISO 11158 HM, DIN 51524 p.2 HLP (without water release)



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm ² /s	32,3
Pour point	°C	-30
Foaming resistance: I sequence	ml	20/0
Corrosion on copper, 3 h/100°C	level	1
Flash point	°C	218
Brugger test	N/mm ²	46

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

