

HYDROL L-HL 32

Quality class: Quality class according to ISO 11158 – HL
Viscosity grad: ISO VG: 32

GENERAL FEATURES:

Hydrol® L-HL hydraulic oils for hydrostatic systems are manufactured basing on high quality mineral base oils and a set of enriching additives improving anticorrosive and antioxidative properties.

APPLICATION:

Hydrol® L-HL hydraulic oils are intended to be applied in low and medium loaded power transferring systems and in hydraulic driving and control systems of hydrostatic drive devices working with moderate temperatures.

STANDARDS, APPROVALS. SPECIFICATION:

DIN 51524 part 1,
NO-91-A231: 1998 – Hydrol® L-HL of the following viscosity grades: 15,32,46,
Oils with viscosity grade of VG 32 ,46, 68,100, 150 have been approved for application in mining and are granted a certificate issued by the Central Mining Institute allowing to mark the product with the security sign.

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm ² /s	32.3
Viscosity index	-	103
Flow temperature	°C	-30
Ignition temperature	°C	218
Resistance to foaming · susceptibility to foaming: foam volume after 5 min. of blowing with air at 25°C, · foam durability: foam volume after 10 min. standing still at 25°C standing still at 25°C	ml	30 0
Corrosiveness to copper 3 h/100°C, corrosion rate	reference sample	1a
Deemulsifying properties – emulsion and water separation time to achieve: - 40 - 43 ml of oil - 37 - 40 ml of water - 0 - 3 ml of emulsion at	min.	20
	°C	54

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

