



HYDROL L-HM/HLP

QUALITY CLASS: DIN 51524-2 HLP, ISO 6743-4 HM, ISO 11158 HM

VISCOSITY GRADE: ISO VG: 10, 15, 22, 32, 46, 68, 100, 150

GENERAL FEATURES:

HYDROL L-HM/HLP hydraulic oils for hydrostatic systems are manufactured basing on high quality mineral base oils and a set of enriching additives improving antiwear, anticorrosive and antioxidative properties. It provides extended lifetime and reduces wear of hydraulic pump elements.

APPLICATION:

Hydraulic oils intended for heavy-duty power transmission and hydraulic drive and control systems, i.e. hydraulic transmissions, regulating and controlling mechanisms and other similar equipment, where difficult operating conditions and increased ambient temperatures and humidity prevail.

STANDARDS, APPROVALS. SPECIFICATION:

Approvals:

Parker Denison HF0, HF1, HF2 / (VG 32, 46, 68)

Central Mining Institute certificate mark B / (VG 15, 22, 32, 46, 68, 100, 150)

Specifications, classification:

DIN 51524-2 HLP

ISO 6743-4 HM

ISO 11158 HM

PHYSICAL AND CHEMICAL PROPERTIES:

Parameters	Unit	Typical values							
		10	15	22	32	46	68	100	150
Density at 15°C	kg/m ³	853,9	860,8	865,3	873,5	879,5	885,6	891,0	893,8
Kinematic viscosity at. 40°C	mm ² /s	10,1	15,1	21,9	30,4	45,3	66,8	99,7	138,6
Viscosity index	-	101	102	102	103	104	100	96	95
Flow temperature	°C	-36	-35	-35	-30	-30	-27	-26	-24
Flash point	°C	162	180	195	211	227	237	247	269
Corrosion effect on Cu plate, 100°C/3h	-	1a	1a	1a	1a	1a	1a	1a	1a

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

VERSION:



