



HYDROL EXTRA L-HV

GENERAL FEATURES:

The hydraulic oil of high viscosity index and excellent shear stability. With a specifically designed formulation it prevents the formation of fatty acids and sludge in result of oil oxidation, especially in very severe operating conditions and high temperatures. Thanks to the outstanding performance characteristics it provides extended change intervals, it reduces downtime, the cost of repair and maintenance of hydraulic systems, and limits the number of breakdowns. The oil contains innovative enriching additives selected optimally to protect the oil system against corrosion. It has exceptional properties of surface anti-wear protection of the friction components in the hydraulic pump systems. It provides a very good filterability even in systems contaminated with small amounts of water. High viscosity index and excellent low temperature properties ensure operation in a wide range of temperatures and provide a smooth start-up at very low ambient temperatures.

APPLICATION:

Hydraulic oil HYDROL EXTRA L-HV is designed primarily for the lubrication of mobile hydraulic construction and mining equipment working in very difficult conditions, variable temperature and humidity. The oil can be successfully used in stationary industrial machinery providing excellent lubrication for power transmission systems, the drive and hydraulic control of regulation and control mechanisms, hydraulic transmission, and other similar devices.

STANDARDS, APPROVALS. SPECIFICATION:

ISO 11158
DIN 51524 cz.3
Parker Denison: HF-0, HF-1, HF-2
Eaton (Vickers): I-286-S, M-2950-S



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
ISO VG viscosity grade		32/46/68
Kinematic viscosity at 40°C	mm ² /s	32,7 / 45,3 / 66
Viscosity index	-	151 / 150 / 150
Pour point	°C	-42 / -39 / -39
Resistance to foaming - sequence 1	ml	20/0
Resistance to foaming - sequence 2	ml	30/0
Resistance to foaming - sequence 3	ml	20/0
Corrosion on copper, 24h/100°C	level	1

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

