Hydraulic series

Description

High performance hydraulic fluids designed to provide ultimate protection and performance in most industrial, marine and mobile equipment applications. They resist thermal or mechanical breakdown and protect the mechanical parts from wear and deposit formation. They are ideal for hydraulic power systems operating under high pressure.

Application

HYDRO HYD series is suitable for use in industrial, agricultural, marine and automotive hydraulic systems operating under severe mechanical stress and high pressures.

Operation Characteristics

- Protection of metal parts from rust and corrosion.
- Resistance to oxidation at high temperatures.
- Resistance to foaming.
- Excellent performance in high pressure conditions.
- Very good demulsifying properties.

Specifications, Approvals, Recommendations

ISO 6743/4 HM. DIN 51524 Part 2 HLP, AFNOR: NFE-48603 HM, Denison HF-1/HF-2, Sperry Vickers I-286-S.

Typical Physical Characteristics

	ASTM	10	22	32	46	68	100
SPECIFIC GRAVITY (kg/lt)	D 1298	0,851	0,856	0,868	0,871	0,881	0,888
VISCOSITY AT 40°C (cSt)	D 445	10	22	32	46	68	100
VISCOSITY AT 100°C (cSt)	D 445	2,8	4,5	5,65	7,05	8,97	11,17
VISCOSITY INDEX	D 2270	119	117	115	109	100	98
FLASH POINT (°C) min.	D 92	202	202	205	210	220	225
POUR POINT (°C)	D 97	-36	-36	-33	-33	-30	-30

These are typical values. Small variation should be expected for future productions / blendings

Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.

ROVEL Lubricants are designed, produced and distributed in accordance with a Certified Management System as per ISO9001, ISO14001 and OHSAS 18001 requirements
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