

Special HYD Series

Description

High performance, high viscosity index hydraulic fluids designed to provide excellent viscosity control under severe mechanical stress and temperature variations, superior anti-wear protection and performance in most mobile, marine and industrial equipment operating in wide temperature ranges.

Application

Special Hyd Lubricants are high VI fluids suitable for use in industrial, marine and automotive hydraulic systems operating under high pressure in wide temperature ranges.

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 HV. DIN 51524 Part III HV, AFNOR: NFE-48603 HV, Denison HF-0, US STEEL 136.

Typical Physical Characteristics

	ASTM	32	46	68	100
SPECIFIC GRAVITY (kg/l ^t)	D 1298	0,858	0,871	0,881	0,888
VISCOSITY AT 40°C (cSt)	D 445	32	46	68	100
VISCOSITY AT 100°C (cSt)	D 445	5,65	7,05	8,97	11,17
VISCOSITY INDEX	D 2270	115	110	105	98
FLASH POINT (°C) min.	D 92	205	210	220	225
POUR POINT (°C)	D 97	-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.