



Product Information: Hypower Hydraulic Fluids

Description

Hypower hydraulic fluids are a range of high performance hydraulics manufactured from high quality virgin base stocks and a tailored additive system, to provide high levels of protection and performance in most hydraulic power applications. The formulations are designed to deliver outstanding wear protection, as well as been highly oxidative and thermally stable resisting breakdown under heat and mechanical stress. These fluids also exhibit excellent demulsifying properties, corrosion protection, foam control and air release characteristics as well as minimizing sludge formation, enhancing and maintaining the efficiency of hydraulic systems.

Applications

Hypower hydraulic fluids are desired for use in industrial, mobile and marine power hydraulic systems where a fluid of this type and quality are recommended by the original equipment manufacturer, care should be taken with regards to correct viscosity selection.

Performance Features

- Outstanding wear protection
- Excellent thermal stability
- Highly resistant to oxidation
- Excellent air release properties
- Excellent demulsifying properties
- Seal Compatibility
- Minimum Cleanliness Level: ISO 4406 21/19/16
- Protection against corrosion

Performance Levels

- DIN 51524 Part 2 (HLP)
- ISO 6743-4 (HM)
- Denison Hydraulics: HF-0, HF-1, HF-2
- Cincinnati Machine: P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO 68)
- Vickers: I-286-S, M-2950-S
- Cleanliness Level: ISO 4406 21/19/16 (Minimum)
- FZG Load Stage: >11 (All Grades)

Typical Data

Characteristic	Unit	22	32	37	46	68	100	150
Density @ 15.6°C	kg/l	0.865	0.870	0.872	0.876	0.882	0.887	0.891
Kinematic Viscosity @ 40°C	cSt	22	32	37	46	68	100	150
Kinematic Viscosity @ 100°C	cSt	4.35	5.5	6.0	6.9	8.85	11.4	14.9
Viscosity Index		105	108	106	105	103	100	98
Flashpoint (Closed)	°C	204	209	212	218	223	234	237
Pour Point	°C	-30	-27	-27	-24	-24	-21	-18

Figures based on average production values