

Product Information



Full Synthetic Hydraulic Oils

**Premium Performance Fully Synthetic Hydraulic Fluid
Low Temperature and Shear Stable Properties
Used For Critical and Highly Precise Hydraulic Applications**

DESCRIPTION

Syngard® Full Synthetic Hydraulic Oils are premium performance hydraulic fluids are shear-stable hydraulic oils with controlled low-temperature properties and maximised anti-wear protection. The products is designed with very high viscosity indexes contributing to their excellent low and high temperature performance.

Syngard® Full Synthetic Hydraulic Oils provide excellent shear stability allowing their use in high-pressure, high-temperature operating environments for extended periods of time without the loss of critical lubrication characteristics. They were developed to meet major OEM requirements of hydraulic systems using high pressure, high output pumps as well as handling hydraulic system components such as close clearance servo-valves and the high accuracy numerically controlled machine tools.

APPLICATION

- High pressure gear, vane and piston pumps

BENEFITS

- Excellent anti-wear performance
- Excellent oxidation stability
- Higher viscosity index and lower pour point
- Protects servo-valves and tight tolerance equipment

PERFORMANCE LEVELS

Denison	HF-O
Vickers Mobile	M-2950
Vickers Industrial	I – 286S
Sundstrand	
Cincinnati Machine	P-68

TYPICAL PROPERTIES

	METHOD	AW 32	AW 46	AW 68
Specific Gravity at 15.6°C	D 1298	0.843	0.847	0.872
Viscosity, cSt at 40°C	D 445	32.7	43.7	63.6
Viscosity, cSt at 100°C	D 445	6.1	7.3	8.6
Viscosity Index	D 2270	135	132	107
Flash Point, °C	D 92	248	248	248
Pour Point, °C	D 97	- 31	- 31	- 31
Oxidation	D 943	5000 +	5000 +	5000 +

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Material Safety Data Sheets available on request.



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