



DESCRIPTION

SynGard Premium AW Hydraulic Oils are shear-stable hydraulic oils with controlled low-temperature properties and maximized anti-wear protection. The products are designed with very high viscosity indexes contributing to their excellent low- and high-temperature performance.

SynGard Premium AW 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.

BENEFITS

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

APPLICATION

- High pressure gear, vane, and piston pumps
- Mobile 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 @ 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, COC °C	D-92	248	248	248
Flash Point, COC °F	D-92	478	478	478
Pour Point, °C	D-97	-31	-31	-31
Pour Point, °F	D-97	-24	-24	-24
Oxidation, TOST hr.	D-943	7500+	7500+	7500+
ML Identification Number		588895	588908	588916



NOTE:

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.

This engine oil's service level is in accordance with the latest version of SAE J300 Engine Oil Viscosity Classification and SAE J183 Engine Oil Performance and Engine Service Classification.

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

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