

Product Information



HydraGard 3000 Hr AW Hydraulic Oil

General Purpose Industrial Hydraulic Lubricants

DESCRIPTION

Xtreme® 3000 Hour Antiwear Hydraulic Oils are manufactured from hydro-treated, virgin base oils selected for their clarity, anti-wear capability, thermal stability and resistance to oxidation. These oils are fortified with anti-wear and anti-foam additives and intended for multiple industrial hydraulic applications.

Xtreme® 3000 Hour Antiwear Hydraulic Oils are formulated for heavy-duty wear protection and extended life drain intervals to provide greater than 3,000 service hours. **Xtreme® 3000 Hour Antiwear Hydraulic Oils** are recommended for most high pressure hydraulic systems and meet all major pump manufacturers' specifications.

APPLICATION

- Steam turbine, hydro turbine and some gas turbines
- Roller bearings and parallel shaft gearing
- Moderate severity hydraulic pumps
- Compressors and vacuum pumps not exceeding 150°C

BENEFITS

- Excellent anti-wear protection
- Thermal stability
- Resistance to sludging and varnishing
- Versatile product for multiple use

RECOMMENDATIONS

- Sperry Vickers M-2950-S & I-286-S
- Denison HF-0, HF-1, HF-2;
- Cincinnati Milacron P-68, P-69 & P-70

TYPICAL PROPERTIES

	Method	32	46	68	100
Specific Gravity at 15.6°C	D 1298	0.874	0.878	0.890	0.869
Viscosity, cSt at 40°C	D 445	34.0	47.5	66.46	94.58
Viscosity, cSt at 100°C	D 445	5.4	6.9	8.4	12.4
Viscosity Index	D 2270	90	99	95	126
Flash Point, °C	D 92	204	220	214	216
Pour Point, °C	D 97	- 22	- 28	- 22	-15
Oxidation Characteristics	D 943	3000+	3000+	3000+	3000+

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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