

## Product Information



### **True-Flo Anti Wear Hydraulic Oils**

*Economical Hydraulic Oils For Normal To Moderate Service  
Average Oxidation Life Of 1500 Hours*

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#### **DESCRIPTION**

**Xtreme™ True-Flo AW Hydraulic Oils** are economical, general purpose fluids blended with antiwear additives plus rust, oxidation and foam inhibitors for use in industrial hydraulic systems and for hydraulic only systems in farm, logging and construction equipment. These oils are blended from specially selected hydro treated base oils chosen for their clarity, purity, color and resistance to oxidation. Typical oxidation life of 1500 hours.

**Xtreme™ True-Flo AW Hydraulic Oils** are blended to comply with ISO viscosity grade specifications and are intended for use in industrial and commercial applications where service is normal to moderate and extended life and high anti-wear service is not primary. These oils offer excellent general purpose service in farm, commercial and industrial applications.

**Xtreme™ R&O Hydraulic Fluid** is a blend of base stocks additized with rust, oxidation and foam inhibitors for use in industrial general purpose applications calling for normal to moderate service. This fluid can be used in old and new equipment where anti-wear properties are not required. Excellent low temperature properties for use in cold climates.

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#### **APPLICATION**

**True-Flo AW Hydraulic Oils** are recommended in hydraulic equipment operating under normal to moderate pressures and requiring an antiwear hydraulic fluid. May also be used in circulating oil systems protecting gears or other moving parts.

Typical applications would include forklifts, trash compactors, hydraulic lifts, automobile transports, dump trucks, log splitters and many types of farm, logging and industrial machinery where hydraulic systems are separate from transmissions and wet clutches and brakes.

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## Product Information

### BENEFITS

- Provides a lubricant hydrodynamic film for protection against metal to metal contact.
- Economical products for applications where long term service is not the primary requirement
- Inhibit rust, corrosion and foaming and aid in water tolerance
- Anti wear additive series contains zinc anti-wear additives
- Napthenic base oils offer excellent low-temperature service

### PERFORMANCE LEVELS

- FIVES (Milacron) P-68, P-69, P-70
- Denison HF-O, HF-1, HF-2

TYPICAL PROPERTIES	Method	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220
Viscosity, cSt at 40°C	D-445	15.3	19.8	30.8	45.0	64.7	99.3	141.9	217.0
Viscosity, cSt at 100°C	D-445	3.1	3.6	4.6	5.7	7.0	8.4	11.3	14.4
Viscosity Index	D-2270	35	17	41	35	44	20	49	44
Specific Gravity @15.6°C	D-1298	0.9042	0.9059	0.9135	0.9153	0.9141	0.9194	0.9261	0.9236
Flash Point, COC °C	D 92	145	192	194	182	198	195	228	230
Flash Point, COC °F		293	320	334	360	388	383	442	446
Pour Point, °C	D-97	- 56	- 42	- 39	- 35	- 31	- 21	- 18	- 15
Pour Point, °F		- 69	- 44	- 38	- 31	- 24	- 6	- 1	5
Di-electric Strength, KVA	D-877	<34	<34	<34	<34	<34	<30	<30	<30
TOST oxidation, hours	D-943	1,200	1,200	1,500	1,500	1,650	1,750	2,000	2,000
RPVOT, minutes	D-2272	75	83	118	125	165	177	250	250
ML Bulk Number		571461	571479	576384	570302	570311	568341	568333	590750

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 Safety Data Sheets available on request.

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