



TRUE-FLO
AW HYDRAULIC OILS

Economical Hydraulic Oils
For Normal to Moderate Service, Average Oxidation Life 1,500 Hours



Fleet/Farm/Off-Road

REV: 06.11.2018



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 hydro-treated base oils chosen for their clarity, purity, color, and resistance to oxidation. This product has a 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 general purpose applications calling for normal to moderate service. Excellent low temperature properties for use in cold climates. Xtreme R&O has a viscosity grade of ISO 32.

BENEFITS

- ▣ Provides a lubricating hydrodynamic film for protection against metal to metal contact.
- ▣ Economical product for applications where long term service is not the primary requirement.
- ▣ Inhibit rust, corrosion, and foaming while aiding in water tolerance.
- ▣ Anti-wear additives contains zinc anti-wear additives.
- ▣ Napthenic base oils provide excellent low-temperature service.

APPLICATION

- Forklifts
- Trash compactors
- Hydraulic lifts
- Dump trucks
- Log splitters
- Many types of farm, logging, and industrial machinery where hydraulic systems are separate from transmissions and wet clutches and brakes

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 at 15.6°C	D-1298	0.9042	0.9059	0.9135	0.9153	0.9141	0.9194	0.9261	0.9236
Flash Point, °C	D-92	145	192	194	182	198	195	228	230
Flash Point, °F	D-92	293	320	334	360	388	383	442	446
Pour Point, °C	D-97	-56	-42	-39	-35	-31	-21	-18	-15
Pour Point, °F	D-97	-69	-44	-38	-31	-24	-6	-1	5
Dielectric 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 Reference No.		571461	571479	576384	570302	570311	568341	568333	590750



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. For additional qualifications, please contact Martin Technical Service Department.

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

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