U1P-Duty - Conventional AW Hydraulic Oil

ISO 68, 5.000 hrs.

Industrial | United States



Product Description

It is an extremely effective pressure transmitter minimum friction anti wear hydraulic oil, formulated with high viscosity-index paraffinic virgin base stocks and Ultra-premium performance additives. **U1P-Duty ISO 68 AW Hydraulic Oil 5.000** exhibits outstanding pump-seal-ability, anti-wear and corrosion protection, oxidation, and shear stability for 7.000 hrs. of Heavy-Duty operation, even in the most extreme cold or hot temperatures. The comprehensive Ultra-premium additive package also offers complete seals compatibility, leak prevention promotors and anti-foaming agents to ensure maximum pressure building, with detergency agents to avoid varnish and improve filterability. Suitable for a wide range of heavy duty and light duty hydraulic applications.



U1P-Duty ISO 68 AW Hydraulic Oil 5.000 ensures minimum hydraulic pump and pistons wear, extending the operating life of your equipment.

Features and Benefits

- U1P-Duty ISO AW Hydraulic Oil 7.000 conforming formulation for 7,000 hours of operation reliability for light and heavy-duty equipment.
- Suitable for high performance industrial applications where pressures may exceed 5000 psi. Maintains stable viscosity while operating in wide a range of temperatures,
- Provide smooth operation and longest oil service life. Its oxidation resistance reduces the formation of deposits, keeping the oil cleaner to
- The premium quality base stock molecules combined with a high-performance anti-wear additive helps to keep a continuously strong lubricant film to protect the pump, piston, and cylinder surfaces.
- Excellent detergent and anti-oxidation additives prevent rust particles formation, deposits, varnishes, and sludges, protect equipment surfaces, seals, and keep the oil filters from blocking prematurely, reducing the probability of unscheduled hydraulic fluid changes.
- Excellent humidity repellent-water-separating anti-foam and air release properties help ensure smooth operation and pressure system efficiency.



Product Code

Presentation	SKU	Manufacture ID	UPC
UG Gallon	UC68AWG	UL803	810050654975
5 Gallon Pail	UC68AWP	UL803	810050654968
55 Gallon Drum	UC68AWD	UL803	810050654951
265 Gallon Tote	UC68AWT	UL803	810050654944



This product meets or exceeds the requirements of:

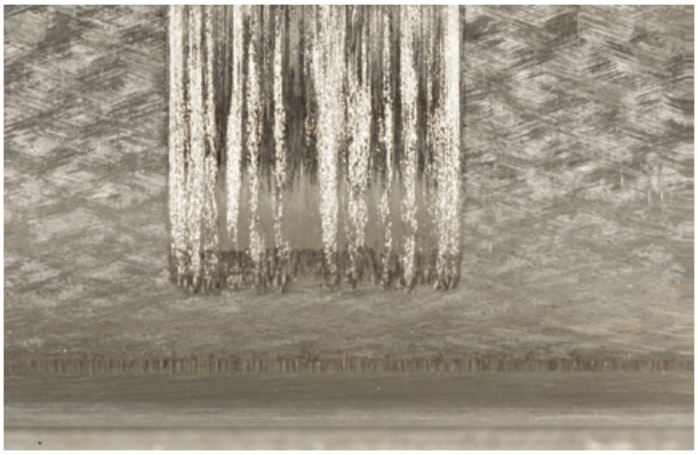
AIST 126, 127	ISO 11158 (HM, HV)
ANSI/AGMA 9005-E02-RO	JCMAS P041 HK HYDRAULIC SPECIFICATION
ASTM D6158 (HM, HV)	MAG IAS P-69 (ISO 68) / MAG P-68
Bosch Rexroth RD90220	PARKER DENISON HF-0, HF-1, HF-2 (HM, HV)
BOSCH REXROTH RE 90220	SAE MS-1004 (HM, HV)
DIN 51524-2 (HM), DIN 51524-3 (HV)	SEB 181222
EATON M-2950-S AND I-286-S3	U.S. Steel 127
GM LS-2	U.S. Steel 136

Properties and Specifications*

Parameter	Test	Result
Appearance		Amber, liquid
API Gravity	ASTM D287	31.5
Density at 15°C, kg/L	ASTM D4057	0.868
Viscosity @ 40°C, cSt,	ASTM D445	67.2
Viscosity @ 100°C, cSt,	ASTM D445	8.8
Viscosity, Saybolt SUS at 100°F	ASTM D2161	334
Viscosity, Saybolt SUS at 212°F	ASTM D2161	54
Viscosity index	ASTM D2270	105
Pour point, °C(°F)	ASTM D97	-35(-31)
Flash point, °C(°F)	ASTM D92	235(455)
Copper Corrosion 3h at 100°C	ASTM D130	1b
Foam Test, Seq. I Tendency, mL	ASTM D892	10
Water Separability, minutes to <3mL at 54°C	ASTM D1401	20
Oxidation Stability, TOST Hours to 2.0 mg KOH/g TAN	ASTM D943	>5000

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Scuffing Wear*

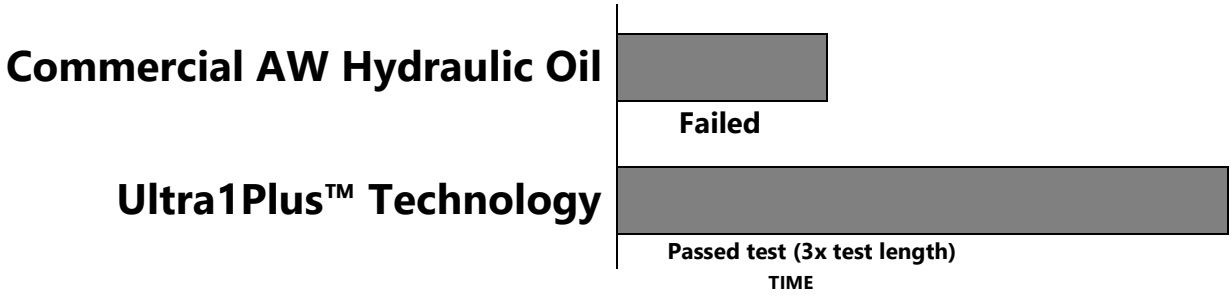


Commercial AWHO



Ultra1Plus™ Technology

Wear Durability*



*FZG Gear Test Machine [A/8.3/90]

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