

PURUS® PURShield™ UltraClean AW HYDRAULIC OILS

DESCRIPTION: PURUS® PurShield™ UltraClean AW Hydraulic Oils are premium anti-wear hydraulic fluids designed to meet the ISO specifications for cleanliness required for pumps, electro-hydraulic servo valves, actuators, and bearings. They are designed with premium technology from high-quality base stocks that exhibit outstanding wear protections, long service life, excellent rust and corrosion resistance and thermal stability. By utilizing PURUS® PurShield™ UltraClean AW Hydraulic Oils, wear rates go down, and component service life goes up, there is less costly down time, improved machine reliability, increased mechanical production, extended equipment life and elimination of detrimental particle contamination. These premium fluids are manufactured in an ISO 9001-215 Certified facility, meeting the ISO 15/13/10 specification. Factory filled and sealed in certified clean drums and totes.

APPLICATION: PURUS® PurShield™ UltraClean AW Hydraulic Oils are recommended for Cincinnati Machine P68, P69, P70, US Steel 127, 136, DIN 51524 Part II, Denison HF-0, HF-2, Elector-hydraulic servo valves, Eaton/Vickers I-286S and Eaton/Vickers M-2950-S

PERFORMANCE BENEFITS: PURUS® PurShield™ UltraClean AW Hydraulic Oils provide these essential characteristics:

- Excellent Wear Protection
- Outstanding Thermal Stability
- Long Reliable Service Life
- Excellent Oxidation Stability
- Excellent Rust and Corrosion Protection
- Excellent Water Separation Ability
- Anti-Foaming

TYPICAL PROPERTIES±:

- Less costly down time
- Increased manufacturing throughput

	10	22	32	46	68	100	150	220
ISO Cleanliness Level	15/13/10							
Viscosity, cSt at 40° C	10	22	32	46	68	100	150	220
Viscosity, cSt at 100° C	2.7	4.48	5.72	7.28	9.47	11.98	15.4	19.19
Specific Gravity 15.6° C	0.854	0.847	0.851	0.854	0.861	0.872	0.088	0.892
Viscosity Index	100	116	120	120	118	110	104	98
Flash Point, ° F	320	400	420	440	460	470	480	480
Pour Point, ° F	-42	-38	-30	-28	-20	-10	0	0
Rust Test	D665 A,B	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion		1a	1a	1a	1a	1a	1a	1a
Oxidation Stability	D943 hours	-	7000+	7000+	7000+	7000+	6000+	4000+

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55 Gallon Drum	PIN16746	PIN16747	PIN16748	PIN16749	PIN16750	PIN16751	IPN16752	PIN16753
Tote	PIN56746	PIN56747	PIN56748	PIN56749	PIN56750	PIN56751	PIN56752	PN56753



MADE IN USA



±Due to continual product research and development, contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly. Minor variations in product typical test data are to be expected in normal manufacturing

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PURShield™ UltraClean

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