



PURShield™

CUT THE COST, NOT THE QUALITY.

"YOU CAN TAKE IT TO THE LAB."

ULTRACLEAN AW HYDRAULIC FLUIDS



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.



APPLICATIONS

RECOMMENDED APPLICATIONS:

- Cincinnati Machine P68, P69, P70
- US Steel 127, 136,
- DIN 51524 Part II
- Denison HF-0, HF-2
- Electro-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:

FEATURES:

- Excellent wear protection
- Outstanding thermal stability
- Excellent rust and corrosion protection
- Excellent water separation ability
- Anti-foaming

BENEFITS:

- Long and reliable service life
- Minimized maintenance costs
- Less costly down time

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TYPICAL PROPERTIES*

	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	0.888	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+

*Due to continual product research and development, the information 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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	55 GALLON DRUM	275 GALLON TOTE
ISO 10	PIN16746	PIN56746
ISO 22	PIN16747	PIN56747
ISO 32	PIN16748	PIN56748
ISO 46	PIN16749	PIN56749
ISO 68	PIN16750	PIN56750
ISO 100	PIN16751	PIN56751
ISO 150	PIN16752	PIN56752
ISO 220	PIN16753	PIN56753