

A/W HYDRAULIC

(Premium Hydraulic Oils)

TYPICAL CHARACTERISTICS

Product Name	A/W 32	A/W 46	A/W 68
ISO Viscosity Grade	32	46	68
API Gravity (ASTM D-1298)	32.5	31.0	30.9
Viscosity (ASTM D-445):			
cSt @ 40°C	31	45	66
cSt @ 100°C	5.2	6.6	8.4
SUS @ 100°F	160	232	342
SUS @ 210°F	44	48	55
Viscosity Index (ASTM D-2270)	96	97	96
Pour Point (ASTM D-97)			
°F	-20	-20	-15
(°C)	(-29)	(-29)	(-26)
Flash Point (ASTM D-92)			
°F	405	410	430
(°C)	(207)	(210)	(221)
Color (ASTM D-1500)	1.5	2.0	2.5
Turbine Oil Oxidation Test (ASTM D-943) hours	3,000	2,800	2,500
Rotary Bomb Oxidation Test (ASTM D-2272) minutes	450	400	350
Rust Resistance (ASTM D-665)			
Distilled Water	Pass	Pass	Pass
Synthetic Seawater	Pass	Pass	Pass
Dielectric Strength, KV*	25+	25+	25+
Cincinnati Lamb Approval	P-68	P-70	P-69

* Dielectric strength will decrease if the oil becomes contaminated with even a small amount of water or dirt. Value is the expectations at the point of manufacture.
The above data is subject to usual manufacturing variation.

Distributed and packaged by Purser Oil Company, Charlotte, NC
Specifications subject to change without notice

Telephone: 704-333-3775
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