



## ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS

**PREMIUM AW SERIES HYDRAULIC OILS** are highly refined, superior quality general purpose anti-wear hydraulic oils recommended for use in a wide range of applications, including hydraulic systems, mining equipment, and moderately loaded gear sets, as well as for general purpose lubrication. These oils are designed for use in piston, gear pumps, and vane pumps used in industrial and mobile hydraulic systems. These oils provide good wear protection for pumps, motors, and other hydraulic system components. The products have good oxidation resistance, rust and corrosion protection and foam resistance.

**ADVANTAGE PREMIUM AW SERIES HYDRAULIC OILS** meet or exceed the following specifications Dennison T5D-42, HF-0, HF-1, HF-2, Vickers M-2950-S and 35VQ25I, Cincinnati Milacron P-68, P-69, P-70; DIN 51524 PART 2, GM LH-04-1, LH-06-1, LH-15-1, REXROTH, SUNDSTRAND, TOWLER, US STEEL 127, 136.

### TYPICAL PROPERTIES

Product Code:	43071	43751	44071				
PROPERTY	AW32	AW46	AW68	AW100	AW150	AW220	AW320
Gravity, API (D287)	31.5	30.0	28.5	28.0	27.4	27.0	26.5
Viscosity, cSt/40 °C (D445)	32.0	46.0	68.0	100.0	150.0	220.0	320.0
Viscosity, cSt/100 °C (D445)	5.4	6.9	8.9	11.4	14.6	18.3	24.0
Viscosity Index (D2270)	100	100	100	98	95	95	95
Demulsibility, 54.5 °C, Min	20	20	20	20	20	20	20
Oxidation Stability, TOST (D943)	5000	5000	5000	3000	2000	-	-
Color, (D1500)	1.0	1.5	1.5	3.0	3.5	4.0	5.0
FZG Pass, Load Stage	10	10	10	10	10	10	10
<b>Zinc, % wt</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>
Cu Corrosion, 3 Hrs @100°C	1A	1A	1A	1A	1A	1A	1A
Rust (D665)	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Flash Point, COC °F (D92)	405	410	410	415	450	471	470
Pour Point °C (D97)	-30	-30	-26	-15	-9	-9	-9