

AW HYDRAULIC OILS

Excellent Anti-wear Protection

The **AW SERIES** are a highly refined, good 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 a good oxidation resistance, rust and corrosion protection and foam resistance.

ADVANTAGE AW SERIES HYDRAULIC OILS meet or exceed the following specifications; Dennison HF-2, Vickers 1-286-S, Cincinnati Milacron P-68, P-69, P-70.

TYPICAL PROPERTIES

Product Code	430	435	440	455	480	485	
Property	AW32	AW46	AW68	AW100	AW150	AW220	AW320
Gravity, API (D287)	31.5	30.0	28.5	30.0	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
Oxidation Stability, TOST (D943)	4000	4000	4000	-	-	-	-
Demulsibility, 54.4°C, Min	20	20	20	20	20	20	20
FZG Pass, Load Test	10	10	10	10	10	10	10
Colour (D1500)	1.0	1.5	1.5	3.0	3.5	4.0	5.0
Zinc, % wt	.026	.026	.026	.026	.026	.026	.026
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 °F (D97)	0	0	5	+10	+15	+20	+25