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ADVANTAGE AW SERIES HYDRAULIC OILS

OVERVIEW

ADVANTAGE AW SERIES HYDRAULIC OILS are highly refined, anti-wear hydraulic oils that give maximum hydraulic pump protection. Specially formulated with superior base stocks and additives, these fluids are designed for a wide range of applications from light, general purpose lubrication to medium duty applications.

FEATURES & BENEFITS

ADVANTAGE AW SERIES HYDRAULIC OILS are engineered with excellent water separating properties to minimize emulsions and are highly resistant to excessive foam buildup which may cause poor or sluggish hydraulic system response. They offer excellent wear protection for hydraulic pumps and motors, good oxidation resistance and protection against rust and corrosion.

APPLICATIONS

Most commonly used for hydraulics with vane, piston or gear-type pumps especially where pressures exceed 1000 psi. They can also be used to lubricate lightly loaded reciprocating compressors. ADVANTAGE AW SERIES HYDRAULIC OILS can be used in general purpose lubrication, mining equipment and mobile hydraulic systems, air tools and other pneumatic equipment lubricated through air line lubricators and chain drives.

TYPICAL PROPERTIES

PRODUCT CODES	**428**	**430**	**435**	**440**	**455**	**480**	**485**
ISO Grade	22	32	46	68	100	150	220
Gravity, API (D287)	33.2	32.5	31.5	30.6	28.0	27.4	27
Viscosity, cSt/40°C	21.9	32	46	68	100	151	220
Viscosity, cSt/100°C	4.3	5.3	6.6	8.5	10.6	14.6	18.3
Viscosity Index	102	100	100	97	97	95	95
Flash Point (COC) F (D92)	405	405	410	450	500	520	471
Pour Point C (D97)	-28	-25	-25	-18	-10	-	-
Color (D1500)	L 1.0	1.0	1.5	1.5	2.5	3.0	4.0
Cu Corrosion, 3 Hrs. @100°C	1A	1A	1A	1A	1A	1A	1A
Rust (D665)	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Stability, (D943)	4000+	4000+	4000+	3000+	3000+	3000+	-
Zinc % wt/	.026	.026	.026	.026	.026	.026	.026