

ADVANTAGE R&O OILS

Overview

ADVANTAGE R&O OILS are highly refined, rust and oxidation inhibited hydraulic oils developed to meet the requirements of hydraulic and circulating systems. The additive system in ADVANTAGE R&O OILS has been approved as meeting the requirements of most major pump manufacturers and machine tool builders.

Features and Benefits

ADVANTAGE R&O OILS are characterized by outstanding performance in preventing rust, oxidation, foaming, air entrainment and many other factors that occur in typical hydraulic systems. They have outstanding thermal and oxidative stability, excellent demulsibility, good film strength and foam resistance, and protect against rust and corrosion.

Applications

ADVANTAGE R&O OILS are designed for use in vane, rotary, gear pumps, and compressors, along with circulating systems and machine tools. Centrifugal air compressors, air tools and other pneumatic equipment lubricated through air line lubricators, lightly loaded enclosed industrial gear boxes that do not require a compounded or extreme-pressure (EP) gear oil, electric motor bearings, vacuum pumps, deep water well pumps, steam turbines and hydroelectric turbines, both direct drive and with gear drives, marine turbines all benefit from the use of ADVANTAGE R&O OILS.

Typicals

	432	436	459	458	460	470	472
PRODUCT CODES	432	436	459	458	460	470	472
ISO GRADE	32	46	68	100	150	220	320
Viscosity, cSt @40 °C (D445)	32	46	68	100	150	220	320
Viscosity, cSt @100 °C (D445)	5.4	6.6	8.7	11.1	14.8	18.6	23.8
Viscosity Index (D2270)	100	100	98	98	98	95	95
Flash Point, COC °F (D92)	425	446	475	495	498	500	500
Pour Point ° C (D97)	0	0	+5	+10	+15	+20	+20
Oxidation Stability, hrs (D943)	2000+	2000+	2000+	-	-	-	-
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Color	0.5	0.5	0.5	1.0	3.0	4.0	5.0
Gravity, API (D287)	31.5	31.5	31.0	30.0	28.9	28.9	27.6