

MULTIPURPOSE R & O OIL

ISO Grades 22, 32, 46, 68, 100, 150, 220, 320, 460, 680

Product Description

Multipurpose R & O Oils are compounded from highly refined mineral base stocks to enhance oxidation stability and impart rust/corrosion control as well as foam suppressant characteristics. The product has been formulated with a wide range of viscosities to accommodate applications in a variety of mechanical systems.

Applications

Multipurpose R & O Oils are recommended for their anti-rust/corrosion feature and oxidation stability that minimizes viscosity increase and sludge formation at normal operating temperatures with good water separability. The product can be used in equipment where anti-wear properties are not required. They are suitable for general lubrication including air compressors, low pressure hydraulic systems, circulating oil systems, centrifugal pumps and lightly loaded gearboxes.

Typical Properties

Property	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680
AGMA Number	--	--	1	2	3	4	5	6	7	8
Viscosity, cSt @ 40°C	22.2	32.1	46.1	68.0	100.7	150.8	220.0	321.4	460.6	681.3
Viscosity, cSt @ 100°C	4.1	5.0	6.2	7.8	9.9	12.8	16.2	20.5	25.5	32.3
Pour Point, °F/°C	-20/-29	-20/-29	-10/-23	-10/-23	0/-18	0/-18	10/-12	10/-12	15/-9	15/-9
Flash Point, COC, °F/°C	385/196	390/199	405/207	425/218	440/227	465/241	485/252	500/260	520/271	540/282
Rust Test, ASTM D-665	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Dielectric Strength (KV)	30	30	30	30	30	30	30	30	35	35
Gravity, API @ 60°F	28	27	27	26	25	24	23	23	22	21

*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.