



Relyant®

MULTIPURPOSE INDUSTRIAL R & O OIL ISO GRADES 32 - 680

Typical Properties

	32	46	68	100	150	220	320	460	680
ISO Grade	32	46	68	100	150	220	320	460	680
AGMA Number	--	1	2	3	4	5	6	7	8
Viscosity, cSt									
At 40°C	32.1	45.5	67.6	101.8	147.8	220.9	320.9	475.3	678.3
At 100°C	5.3	6.6	8.5	11.2	14.4	18.8	24.0	31.0	39.0
Viscosity, SUS									
AT 100°F	166	235	353	460	788	1166	1707	2478	3691
At 210°F	44	49	52	62	73	85	106	132	159
Viscosity Index	95	95	95	95	95	95	95	95	95
Pour Pt, Deg F/C	-25/-32	-15/-26	-10/-23	-5/-21	0/-18	5/-15	10/-12	10/-12	15/-9
Flash Pt., COC, F/C	400/204	425/218	445/243	465/254	490/263	520/271	535/27	565/296	590/310
Rust Test, ASTM D-665	<-----Passes Procedures A & B----->								
Dielectric Strength (KV)	30	30	30	30	30	30	30	35	35
Gravity, API @ 60°F	30	30	29	28	27	26	26	25	24

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.

Multipurpose Industrial R & O Oils are manufactured from highly refined HVI base stocks and compounded with additives to impart rust and 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 Industrial R & O Oils are recommended for their oxidation and thermal stability to minimize viscosity increase and sludge formation at elevated operating temperatures. They have good water separability. They are suitable for general industrial lubrication including air compressors, low pressure hydraulic systems, circulating oil systems, centrifugal pumps and lightly loaded gearboxes.