

CIRKAN RO



LUBRICATION



TOTAL

Rust and oxidation (R&O) machine oil

APPLICATIONS

R&O oils for all types of moving parts

- **CIRKAN RO** oils are mineral oil based, premium circulating oils that contain additives with appropriate viscosities for lubricating moving parts operating under severe temperature conditions.
- Uses include: fluid grades for systems operating at high speed: textile machinery, machine tools, hydraulic circuits operating at less than 1,000 psi and steam turbines requiring a category HL oil. More viscous grades are for the lubrication of plain and rolling contact bearings and gears not requiring anti-wear or extreme pressure properties.

SPECIFICATIONS

- AFNOR NFE 48602 CATEGORY HL
- AFNOR NFE 60200 CATEGORY CB and HL
- DENISON HF-2
- DIN 51524 PART 1
- ISO 11158 CATEGORY HL
- ISO 6743/4 CATEGORY HL
- ISO 6743/6 CATEGORY CKB

ADVANTAGES

Long fluid life and high operating reliability

- Excellent anti-foaming, anti-corrosion, and anti-oxidation properties.
- High natural viscosity index.
- Good compatibility with elastomers and seals.
- Excellent demulsification properties.

TYPICAL CHARACTERISTICS CIRKAN RO

	5	7	10	22	32	46	68	100	150	220	320	460
Viscosity at 40°C, cSt	5.0	7.0	10.0	22.0	32.0	46.0	68.0	100.0	150.0	220.0	320.0	460.0
Viscosity at 100°C, cSt	1.6	1.8	2.7	4.3	5.4	6.8	8.7	11.6	14.4	18.4	23.3	28.9
Viscosity Index	> 95	> 95	> 95	> 95	> 95	> 95	> 95	> 95	> 95	> 95	> 95	> 95
Density @ 60°F, lbs./gal.	6.87	7.21	7.14	7.20	7.25	7.28	7.30	7.35	7.38	7.42	7.45	7.44
Specific Gravity @ 60/60°F	0.823	0.864	0.855	0.863	0.868	0.872	0.874	0.880	0.884	0.889	0.893	0.891
Pour Point, °F	-10	-10	-10	0	0	5	5	5	5	10	10	15
Flash Point, COC, °F	280	280	330	390	405	415	420	430	440	475	515	570
Copper Strip Corrosion	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B	1B

TOTAL Lubricants USA Southwest

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Sheet updated: 7/2009

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