



## CPC Turbine Oil SR

- CPC Turbine Oils are high quality lubricants manufactured from highly refined paraffin base oils and formulated with anti-rust, anti-oxidation, and anti-foaming additives. With strong oil films, and enhanced performance in anti-rust, oxidation stability, and foaming suppression, the oils are widely used in lubrication with the need of long-termed operation.
- The oils meet the R&O turbine oil and circulation oil requirements of Germany DIN 51515, DIN 51524 part I, and Cincinnati Milacron P-38, P-54, P-55.
- These oils possess outstanding oxidation stability (with high TOST and RBOT data values), thermal stability, and air releasing ability. German steam turbine manufacturers, such as Siemens AG, MAN-GHH, and Kopp & Kausch, require the R&O turbine oil to meet DIN 51515 TD32, or TD46. Air releasing ability is the highlight of these oil specifications. CPC Turbine Oils are especially suitable for this application.
- With superior oxidation stability, and thermal stability, these oils are widely used in:
- Lubrication of the high-speed pressure-fed oiling bearings, gears, hydraulic systems, motors, generators and hydraulic turbines.
- Steam turbines: direct-connected or geared steam turbines with oil circulation system.
- Air compressors: vertical or horizontal single cylinder air compressors with more sophisticated design in cylinder and piston.
- Packages: (1) 200 liter drum  
(2) 19 liter pail
- The typical data are listed as follow:

Grade No.	SR32	SR46	SR68
Viscosity Grade, ISO VG	32	46	68
Sp.Gr., 15.6°C/15.6°C, D4052	0.857	0.862	0.870
Viscosity, Kin., cSt @40°C, D445	31.16	46.13	67.61
@100°C, D445	5.54	6.93	8.78
Viscosity Index, D2270	110	106	102
Pour Point, °C, D6749	-21	-21	-21
Flash Point, COC, °C, D92	234	230	250
Color, D1500	L0.5	L0.5	L0.5
Acid Number, mg KOH/g, D664	0.16	0.17	0.15
Water Separability, 54.4°C 40-40-0, min, D1401	10	10	10
Oxidation, hrs, D943	4000	4000	3500
Oxidation Stability, min, D2272	612	730	763
Air Release, 50°C, min, D3427	3	4	5
Product No.	LA60132	LA60146	LA60168

Note: Typical properties are based on standard tests under laboratory conditions. Variations that do not affect product performance are to be expected during normal manufacture. Please consult your local CPC representative if you have any questions.