CPC Circulation Oil MR

- CPC Circulation Oil MR 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
- With excellent oxidation stability and demulsification properties, these oils are the most suitable for the lubrication of Morgoil bearings in steel mill hot and strip milling operations.
- The oils are recommended for the lubrication under bad working conditions in steel mills, such as lots of water, rolling fluids, dirt, scale, and high temperature in operating place. After applying the oils, the oil change interval extends 6 times longer. *
- This kind of oils are recommended for the lubrication in turbines with oil ring, giant air compressors, giant low-speed diesel engines, enclosed gears, high loading or high temperature of the bearings, hydraulic systems, and etc.
- Packages: (1) in bulk (for MR150, MR320, MR460 and MR680)
  (2) 200 liter drum
- The typical data are listed as follow:

Grade No.	MR150	MR200	MR220
Viscosity Grade, ISO VG	150	200	220
Sp. Gr., 15.6℃/15.6℃,D4052	0.8833	0.8940	0.8936
Viscosity, Kin., cSt @40℃,D445	153.6	203.6	217.3
@100℃,D445	14.96	18.06	18.86
Viscosity Index,D2270	97	97	97
Pour Point, ℃, D6749	-12	-12	-12
Flash Point, COC, ℃, D92	276	290	284
Color, D1500	L2.0	L2.5	L2.5
Copper Corrosion, 100℃, 3hrs, D130	1a	1b	1b
Acid Number, mg KOH/g, D664	0.17	0.2	0.17
Rust-Preventive, D665A	Pass	Pass	Pass
Water Separability, 82℃, 40-40-0, min, D1401	5	10	10
Product No.	LA61627	LA61620	LA61621

*: the site usage reports of CSC

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.

Grade No.	MR320	MR390
Viscosity Grade, ISO VG	320	NO Equivalent ISO
Sp. Gr., 15.6℃/15.6℃,D4052	0.8968	0.8988
Viscosity, Kin., cSt @40℃,D445	320.0	390.3
@100℃,D445	24.33	27.71
Viscosity Index,D2270	97	97
Pour Point, ℃, D6749	-12	-12
Flash Point, COC, ℃, D92	294	306
Color, D1500	L3.0	2.5
Copper Corrosion, 100℃, 3hrs, D130	1b	1b
Acid Number, mg KOH/g, D664	0.13	0.15
Rust-Preventive, D665A	Pass	Pass
Water Separability, 82℃, 40-40-0, min, D1401	10	10
Product No.	LA61622	LA61623

Grade No.	MR460	MR680
Viscosity Grade, ISO VG	460	680
Sp. Gr., 15.6℃/15.6℃,D4052	0.8994	0.9060
Viscosity, Kin., cSt @40℃,D445	449.7	684.8
@100℃,D445	30.52	40.04
Viscosity Index,D2270	97	97
Pour Point, ℃, D6749	-15	-12
Flash Point, COC, ℃, D92	312	324
Color, D1500	L3.0	L6.5
Copper Corrosion, 100℃, 3hrs, D130	1b	1b
Acid Number, mg KOH/g, D664	0.19	0.19
Rust-Preventive, D665A	Pass	Pass
Water Separability, 82℃, 40-40-0, min, D1401	15	20
Product No.	LA61624	LA61626

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.