



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 Mergoil 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:

	MR150	MR200	MR220
Sp. Gr., 15.6°C/15.6°C,D4052	0.8833	0.8924	0.8936
Viscosity, Kin., cSt @40°C,D445	150.1	198.0	222.6
@100°C,D445	14.73	17.52	18.89
Viscosity Index,D2270	97	95	95
Pour Point, °C, D6749	-12	-12	-12
Flash Point, COC, °C, D92	272	275	288
Color, D1500	3.0	L3.0	L3.0
Copper Corrosion, 100°C, 3hrs, D130	1a	1b	1b
Acid Number, mg KOH/g, D664	0.10	0.12	0.12
Rust-Preventive, D665A	Pass	Pass	Pass
Water Separability, 82°C, 40-40-0, min, D1401	15	10	15
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	MR460
Sp. Gr., 15.6°C/15.6°C,D4052	0.8974	0.8974	0.8994
Viscosity, Kin., cSt @40°C,D445	313.6	390.6	460.2
@100°C,D445	23.59	27.30	30.44
Viscosity Index,D2270	95	95	95
Pour Point, °C, D6749	-12	-12	-12
Flash Point, COC, °C, D92	296	299	317
Color, D1500	L3.5	L4.0	L4.0
Copper Corrosion, 100°C, 3hrs, D130	1b	1b	1b
Acid Number, mg KOH/g, D664	0.12	0.12	0.12
Rust-Preventive, D665A	Pass	Pass	Pass
Water Separability, 82°C, 40-40-0, min, D1401	10	10	15
Product No.	LA61622	LA61623	LA61624

Grade No.	MR680
Sp. Gr., 15.6°C/15.6°C,D4052	0.9060
Viscosity, Kin., cSt @40°C,D445	688.0
@100°C,D445	40.20
Viscosity Index,D2270	97
Pour Point, °C, D6749	-12
Flash Point, COC, °C, D92	320
Color, D1500	L5.5
Copper Corrosion, 100°C, 3hrs, D130	1b
Acid Number, mg KOH/g, D664	0.12
Rust-Preventive, D665A	Pass
Water Separability, 82°C, 40-40-0, min, D1401	20
Product No.	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.