

MASRI RG SERIES

MASRI RG Series is high quality gear oil formulated from high viscosity index base oil and high performance extreme pressure additive.

MASRI RG Series merupakan pelumas roda gigi berkualitas tinggi yang diformulasikan dari base oil dengan viskositas yang tinggi dan aditif *extreme pressure*.

TYPICAL CHARACTERISTICS

Characteristics	Test Method	MASRI RG 68	MASRI RG 100	MASRI RG 150	MASRI RG 220	MASRI RG 320	MASRI RG 460	MASRI RG 680	MASRI RG 1000
ISO Viscosity Grade	-	68	100	150	220	320	460	680	1000
Density 15 °C, kg/l	ASTM D - 4052	0.8829	0.8857	0.8869	0.8928	0.8963	0.8989	0.8986	0.9108
Kinematic Viscosity at 40 °C, cSt	ASTM D - 7279	69.70	98.45	145.2	210.4	307.2	458.0	687.5	1020
	ASTM D - 7279	8.909	10.98	14.28	18.18	28.38	30.40	41.93	59.87
Viscosity Index	ASTM D - 2270	101	95	96	95	95	96	102	115
ASTM Colour	ASTM D - 1500	L 1.5	L 2.5	L 2.5	L 2.5	L 3.0	L 3.0	L 3.0	L 4.0
Flash Point °C	ASTM D - 92	230	242	250	258	264	264	262	244
Pour Point, °C	ASTM D - 5950	-9	-9	-9	-9	-9	-9	-9	-9

PERFORMANCE LEVELS

MASRI RG Series meets below performance level :

- AIST 224
- AGMA 9005- E02 (EP)
- Fives Cincinnati P-63 (approved for MASRI RG 68), P-74 (approved for MASRI RG 220), P-35 (approved for MASRI RG 460)
- DIN 51517 Part 3
- David Brown SI.53.101

SUPERIORITIES

- High thermal and oxidation stability.
- Excellent wear, rust and corrosion protection.
- Prevents foam formation.

APPLICATION

MASRI RG Series is suitable for lubrication of enclosed industrial gear sets operated in normal to heavy load, where unleaded extreme pressure gear oil is required. Although it is designed primarily for the lubrication of gears, the high performance makes it possible to extend the application to plain bearings, rolling bearings and sliding surface lubrication.

MASRI RG Series is suitable for circulating, spray or oil mist lubrication system.

TINGKATAN MUTU

MASRI RG Series memenuhi tingkatan mutu :

- AIST 224
- AGMA 9005- E02 (EP)
- Fives Cincinnati P-63 (approved for MASRI RG 68), P-74 (approved for MASRI RG 220), P-35 (approved for MASRI RG 460)
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KEGUNAAN

- Memiliki kestabilan termal dan oksidasi yang baik.
- Melindungi dari keausan, karat dan korosi yang sangat baik.
- Mencegah terbentuknya busa.

KEGUNAAN

MASRI RG Series sesuai digunakan untuk melumasi roda gigi tertutup yang beroperasi dengan beban normal hingga berat, dimana disyaratkan pelumas roda gigi dengan aditif *extreme pressure* bebas timbal. Selain dirancang untuk melumasi roda gigi, unjuk kerja yang tinggi membuat pelumas ini juga dapat digunakan untuk pelumasan *plain bearing*, *rolling bearing*, dan *sliding surface*.

MASRI RG Series dapat digunakan pada sistem pelumasan tipe sirkulasi, penyemprotan atau pengabutan.