

Balmerol® SP SERIES

Superior Quality Industrial Gear Oil

Product Data Sheet

Product Description

BALMEROL SP Series is premium quality all-purpose Industrial Gear oils. BALMEROL SP series is blended from carefully selected paraffinic base stocks and combination of synergistic additives to achieve good load carrying properties, excellent lubricity and superior oxidation resistance. It is compatible with normal seal materials. BALMEROL SP series meet AGMA 9005-E02, DIN 51517, David Brown S1.53.101 US Steel 222 and 224, IS 8406 and IPSS 1-09-033 specifications. Selected viscosity grades also conform to Cincinnati Milacron and other OEM specifications.

Applications

BALMEROL SP series is recommended for lubrication of all types of circulation, spray, and splash or dip bath lubrication mechanisms. For achieving best performance, BALMEROL SP series is recommended to be used up to 110 °C. BALMEROL SP series are recommended for use in all conventional types of gears, sliding mechanisms, chain drives and flexible couplings, as also for use in mechanisms operating under heavy/shock loads and vibrations. BALMEROL SP series can be filtered or centrifuged without the loss of additives and are thus suitable for use in continuous recirculation systems incorporating filters. BALMEROL SP series is available in eight standard ISO Viscosity grades.

Availability

BALMEROL SP series are available in drum and pail.

Typical Data

BALMEROL SP SERIES (Superior Quality Industrial Gear Oil)										
No	Characteristics	Method	68	100	150	220	320	460	680	1000
1	Appearance	Visual	Clear & Bright							
2	Colour	ASTM D 1500	L 1.5							
3	Kinematic Viscosity @ 40°C, cst	ASTM D 445	68	100	150	220	320	460	680	1000
4	Kinematic Viscosity @ 100°C, cst	ASTM D 445	8.95	11.70	15.45	20.14	25.56	32.50	42.30	54.10
5	Viscosity Index	ASTM D 2270	103	103	103	103	103	103	103	103
6	Flash point, COC, °C	ASTM D 92	230	230	230	230	230	230	230	230
7	Copper strip corrosion, @ 100°C	ASTM D 130	lb max							
8	Foaming tendencies / stabilities									
	a	Sequence I, ml	5 / 0	5 / 0	5 / 0	25 / 0	25 / 0	25 / 0	50 / 0	50 / 0
	b	Sequence II, ml	25 / 0	25 / 0	25 / 0	50 / 0	50 / 0	50 / 0	75 / 0	75 / 0
	c	Sequence III, ml	5 / 0	5 / 0	5 / 0	25 / 0	25 / 0	25 / 0	50 / 0	50 / 0
9	Pour point, °C	ASTM D 97	(-) 6							
10	FZG test	DIN 51354								

Health and Safety

Balmerol SP series is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

PT. Balmer Lawrie Indonesia

Graha STR 2nd floor suite 203, Jl. Raya Ampera No. 11 Ragunan, Jakarta Selatan, Indonesia

Tlp : 021-781 8162 ; Email : cs@bli.co.id ; Website : www.bli.co.id