

Balmerol® HP SERIES

Automotive Gear oil GL-4

Product Data Sheet

Product Description

BALMEROL HP Series are multi-purpose heavy duty hypoid gear oils specially formulated to meet API service classification GL-4, UL Military MIL-L-2105D and UK Deference CS 3000B specifications and IS 1118-2002 EP type. Recommended for severe duty gear differentials, mechanical transmissions and drive axles where bulk oil temperatures can reach up to 150 °C.

Applications

BALMEROL HP Series is multipurpose heavy duty hypoid gear oil and recommended for hypoid gear differentials, mechanical transmissions, and drive axles operating under severe duty, where bulk oil temperature can reach up to 150 °C

Availability

BALMEROL HP Series are available in drum and pail.

Typical Data

BALMEROL HP SERIES (Automotive Gear oil GL-4)					
No	Characteristics	Method	90	140	
1	Appearance	Visual	Clear & Bright		
2	Colour	ASTM D 1500	L 1.5		
3	Kinematic Viscosity @ 100°C, cst	ASTM D 445	17.9	29	
4	Kinematic Viscosity @ 40°C, cst	ASTM D 445	178	360	
5	Viscosity Index	ASTM D 2270	110	110	
6	Flash point, COC, °C	ASTM D 92	220	220	
7	Copper strip corrosion, @ 100°C	ASTM D 130	1b		
8	Foaming tendencies / stabilities				
	a)	Sequence I, ml	ASTM D 892	5 / 0	5 / 0
	b)	Sequence II, ml		25 / 0	25 / 0
c)	Sequence III, ml	5 / 0		5 / 0	
9	Pour point, °C	ASTM D 97	(-) 3	(-) 3	
10	FZG test	DIN 51354			

Health and Safety

Balmerol HP 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