

Balmerol® HP SPL SERIES

Automotive Gear oil GL-5

Product Data Sheet

Product Description

BALMEROL HP SPL Series are multi-purpose heavy duty hypoid gear oils specially formulated to meet API service classification GL-5, 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 SPL 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 SPL Series are available in drum and pail.

Typical Data

BALMEROL HP SPL SERIES (Automotive Gear oil GL-5)							
No	Characteristics	Method	90	140	80W90	85W140	
1	Appearance	Visual	Clear & Bright				
2	Colour	ASTM D 1500	L 1.5				
3	Kinematic Viscosity @ 100°C, cst	ASTM D 445	17.18	29.32	15.60	25.43	
4	Kinematic Viscosity @ 40°C, cst	ASTM D 445	178.67	339.01	140.80	284.72	
5	Viscosity Index	ASTM D 2270	102.7	118.7	114.7	115.2	
6	Flash point, COC, °C	ASTM D 92	214	216	200	200	
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	5 / 0	5 / 0
	b)	Sequence II, ml		25 / 0	25 / 0	25 / 0	25 / 0
c)	Sequence III, ml	5 / 0		5 / 0	5 / 0	5 / 0	
9	Pour point, °C	ASTM D 97	(-) 3		(-) 21		

Health and Safety

Balmerol HP SPL GL 5 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:

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