

Balmerol® HP SPL

Automotive Gear oil GL-5

Product Data Sheet

Product Description

BALMEROL HP SPL Series is 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.

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 is available in 209 liter and 20 liter packing

Technical Data

| BALMEROL HP SPL | | | | | |
|-----------------|----------------------------------|------------------|----------------|----------------|------------|
| No | Characteristics | Method | Specification | | |
| | | | HP 90 SPL | HP 140 SPL | |
| 1 | Appearance | Visual | Clear & Bright | Clear & Bright | |
| 2 | Colour | Visual | Yellow | Yellow | |
| 3 | Kinematic Viscosity @ 100°C, cst | ASTM D-445 | 13.5 – 24 | 28.0 – 41.0 | |
| 4 | Viscosity Index | ASTM D-2270 | 90 min | 90 min | |
| 5 | Flash point, COC, °C | ASTM D-92 | 200 min | 200 min | |
| 6 | Copper strip corrosion, @ 100°C | ASTM D-130 | 1b max | 1b max | |
| 7 | Foaming tendencies / stabilities | | | | |
| | a) | Sequence I, ml | ASTM D-892 | 20 / 0 max | 20 / 0 max |
| | b) | Sequence II, ml | | 50 / 0 max | 50 / 0 max |
| | c) | Sequence III, ml | | 20 / 0 max | 20 / 0 max |
| 8 | Pour point, °C | ASTM D-97 | | (-) 3 max | (-) 3 max |

Health and Safety

Balmerol HP SPL Series is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

For further information, contact:

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