

Balmerol® HP 80W-90

Automotive Gear Oil: API GL-4

Technical Data Sheet

Product Description:

Balmerol HP 80W-90 is a multi-purpose heavy duty, long drain interval hypoid gear oil especially formulated to meet **API GL-4** service classification, US Military MIL-L-2105B specifications. Balmerol HP 80W-90 has been formulated with selective Extreme Pressure (EP) additives, which provide protection against wear, scoring and also exhibits excellent oxidation stability, long service life.

Features & Benefits:

Very good EP properties	Enhanced protection of gears leading to longer component life
Excellent resistance to oxidation	Clean performance at high temperature operation and also ensuring higher oil drain interval

Applications / Recommendations:

Balmerol HP 80W-90 is recommended for heavy duty gear differentials, mechanical transmissions and drive axles. This product is best suited for vehicles operating in places having wide variation of climatic conditions.

Typical Properties:

Balmerol HP 80W-90	
Properties	HP 80W-90
Meets or Exceeds following industry Specification	
API	GL -4
SAE Viscosity Grade	80W - 90
Viscosity, ASTM D 445, cst @ 100°C	17.1
Viscosity Index, ASTM D 2270	98
Density at 30°C, gm/cc, ASTM D 1298	0.89
Pour Point, °C ASTM D 97	- 18 maximum
Flash Point, °C ASTM D 92	190 minimum

Health and Safety:

Balmerol HP 80W-90 oil 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 MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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