

HD 80W-90

Mineral Base

DESCRIPTION

HD 80W-90 is an Extreme Pressure gearbox and differential lubricant.

APPLICATIONS

HD 80W-90 is suitable for all mechanical transmission synchronized or not synchronized gearboxes, gearbox/differential, transfer gearboxes and hypoid differentials without limited slip system operating under shocks, heavy loads and low revolution speed or moderate loads and high revolution speed.

ADVANTAGES

- Extreme pressure lubricant for an efficient anti wears protection.
- Stays in 90 grade after KRL 20 hours shear test as requested by SAE J306 Standard.
- Very high lubricating power which decreases friction and wear.
- 90 grade at hot temperature to provide outstanding oil film resistance at hot temperature and/or to reduce transmission noise.
- Suitable for any type of seal and yellow material used in gearboxes design.
- Anti-corrosion, anti-foam.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	HD 80W-90
Viscosity grade	SAE J 300	80W-90
Density at 20°C (68°F)	ASTM D1298	0.890
Viscosity at 40°C (104°F)	ASTM D445	144.0 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	15.0 mm ² /s
Viscosity Index	ASTM D2270	105.0
Pour point	ASTM D97	-27.0 °C / -16.0 °F
Flash point	ASTM D92	210.0 °C / 410.0 °F



STANDARDS / APPROVALS / PERFORMANCE LEVEL

HD 80W-90 meets the following standards:

- API - GL-4 / GL-5
- MIL-L - 2105 D

RECOMMENDATIONS

Oil drains: refer to manufacturers' recommendations and adjust according to your own use.

IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at www.motul.com.