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# Gulf Gear LS 80W-90

*Limited-Slip Differential Gear Oil*

## Product Description:

**Gulf Gear LS 80W-90** is an extra high performance extreme pressure type automotive gear lubricant specially developed for use in modern high performance passenger cars, sports utility vehicles, vans and light duty trucks with limited slip differentials and is blended from selected high quality base oils and advanced performance additives to provide exceptional protection against thermal degradation, component wear and oil seal deterioration for extended service life. The special friction modifier used in **Gulf Gear LS 80W-90** helps in reducing chatter and improving traction besides retaining the frictional properties for longer service life. **Gulf Gear LS 80W-90** also offers effective protection against oxidation degradation and rust & corrosion.

**Gulf Gear LS 80W-90** has outstanding thermo-oxidative stability prevents formation of deposits to offer extended gear, bearing and seal life and longer service life and exceptional load-carrying capability protects against shock loading and wear under different speed-load conditions to enhance equipment durability and reduce maintenance costs. Excellent limited slip performance reduces chatter and improves traction and effective rust and corrosion protection reduces wear and extends component life. Good low temperature fluidity reduces wear and provides easy start-up under low ambient temperatures and good anti-foam properties ensure film strength for effective lubrication. Excellent seal compatibility helps minimise leakages and reduce chances of contamination.

**Gulf Gear LS 80W-90** is suited for limited-slip differentials of modern high performance passenger cars, sports utility vehicles, vans and light duty trucks requiring API GL-5/MT-1 quality oils. Also for heavy duty non-synchronised manual transmissions, axles and final drives where API GL-5/ MT-1 quality oils are specified.

**Not recommended for automatic transmissions !**

### Meets the specifications of:

API GL-5 / MT-1, US Army MIL-PRF-2105E, Mack GO-J

<u>Properties:</u>	<u>Test Methods:</u>	<u>Typical Values:</u>
SAE Viscosity Grade	SAE J306	80W-90
Density @ 15°C	ASTM D4052	902 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D445	154 mm <sup>2</sup> /s (cSt)
Kinematic Viscosity @ 100°C	ASTM D445	15.0 mm <sup>2</sup> /s (cSt)
Brookfield Viscosity @ -26°C	ASTM D2983	<150000 mPa.s (cP)
Viscosity Index	ASTM D2270	95
Flash Point	ASTM D92	>190°C
Pour Point	ASTM D97	<-30°C

Product Code: 2331	Date Issued: 22/06/2012	Date Superseded: 28/11/2011	Revision nr: 02
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