



PRODUCT INFORMATION

LS GEAR LUBRICANT SAE 80W90

CHARACTERISTICS

LS Gear Lubricant belongs to a new generation of sophisticated high performance oils featuring outstanding properties, superior, not only to the best conventional oils on the market, but also the semi-synthetic and synthetic oils.

LS Gear Lubricant is gear oil containing extreme pressure properties designed for the lubrication of hypoid differentials operating under severe conditions, for example, heavy loads or high speed.

QUALITIES & ADVANTAGES

- Extremely efficient in reducing noise and vibrations.
- Particularly recommended in vehicles with differential brakes, referred to as Limited Slip Differentials.

ANTI-WEAR AND TEAR QUALITIES

- Special selected additives ensure minimal wear and tear and extended lifetime for components.

APPLICATION

- Hypoid differentials operating under severe conditions.
- Differential brakes, referred to as Limited Slip differentials.
- ZF Gearboxes
(ZF Zahnradfabrik Friedrichshafen AG).

- Non-synchronised gears, shafts and reduction gear boxes.
- Limited Slip differentials include American cars such as Ford, Chevrolet and Dodge. Cross-country vehicles such as Willy's Jeep and Land Rover. Japanese vehicles such as Subaru, Mazda, Mitsubishi, Nissan and as Hanomag and Massey Ferguson also offer differential brake models which require a friction modified hypoid oil.

Further addition of additives to this oil is not recommended.

SPECIFICATION:

LS Gear Lubricant exceeds the following specification:

- API-Service GL 5
- MIL-L 2105 B
- MIL-L 2105 C
- MIL-L 2105 D
- ZF TE ML 05
- FORD SQM-2C 9002-AA

SAFETYFAX

- Avoid prolonged contact with skin.
- Keep petrochemicals away from children.
- If swallowed, do not induce vomiting - call a doctor.
- Do not inhale fumes.
- Do not dispose of empty oil cans or oil waste in the environment.

LS GEAR LUBRICANT SAE 80W90 - continued

PHYSICAL DATA

SAE-grade	80W90 *
VISCOSITY (cSt) mm ² /s at 40°C	166.5
VISCOSITY (cSt) mm ² /s at 100°C	15.6
VISCOSITY INDEX	100
POUR POINT, °C	-30
FLASH POINT COC, °C	236
SPEC. GRAVITY at 20°C	0.905
COPPER CORROSION D130	1B

*also available in SAE 85W140