

OIL TECH

The Lubrication Specialists

TECHNICAL DATA SHEET

GEAR OIL LS90 & LS140

PRODUCT DESCRIPTION

GEAR OIL LS90 & LS140 Limited Slip (LS) hypoid gear oil highly stressed normal and limited slip differentials in cars, vans, trucks, buses, tractors, construction and industrial machinery.

APPLICATION

GEAR OIL LS90 & LS140 For all highly stressed normal and limited slip differentials in cars, vans, trucks, tractors, construction and industrial machinery.

PERFORMANCE

Very good viscosity temperature behaviour because it stays in grade and maintains its characteristics even in severe conditions.
Potential for improved fuel economy.
Outstanding protection against wear. The lubricating film remains stable under very high loads and foaming is minimal at high speeds.
Friction co-efficient to meet requirement of Limited Slip differentials.
Quieter running. Avoids chattering and screeching even in the severest of conditions.
No loss of performance. Protects all metals normally found in gearboxes against corrosion and does not leave deposits on oil seals.
Compatible with all elastomers and other sealing materials.
Guarantees the perfect function of synchromesh gearboxes.
Guarantees the perfect function of Limited Slip differentials.
Lower maintenance costs. The long life characteristic of this LS hypoid gear oil reduced wear related down time.

PERFORMANCE CHARACTERISTICS

- API GL-4, GL-5, GL-5 LS
- Mil-L 2105D (only 90 grade)

GEAR OIL LS90 & LS140

TYPICAL INSPECTION

Properties		Value	
SAE Grade		90	140
Specific Gravity @ 15°C	g/ml	0.89	0.91
Viscosity @ 100°C	cSt	17.1	27.8
Viscosity @ 40°C	cSt	198	402
Viscosity Index		95	95
Flash Point	°C	240	260
Pour Point	°C	-10	-5