

LSA GEAR OIL 80W90 LSA GEAR OIL 85W140

High pressure EP hypoid gear oil for highly stressed differentials as well as other crown wheel and pinion gears, steering mechanisms and distributor drives in vehicles and industrial machinery.

Advanced chemistry allows this oil to withstand the super high load between the teeth of hypoid gear sets commonly found in modern vehicle transmission systems.

Recommended for machinery with the following requirements:

API GL-5/MT-1
MACK GO-G
MAN 342 N (80W90)
Rockwell 0-76D (80W90)
Rockwell 0-76-A (85W140)
ZF TE-ML05A/07A/12E/16B/17B/19B
MIL-L-2105D

ADVANTAGES

- Good viscosity temperature behaviour. Remains in grade even when subject to extreme loads.
- Superior sulphur phosphorous extreme pressure (EP) additives.
- Easier cold starting. Rapid oil circulation ensures high gearbox efficiency and minimal losses.
- High thermal stability and corrosion resistance.
- Outstanding protection against wear. The lubricant film remains stable under very heavy loads and foaming is minimal at high speeds.
- 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.
- Lowers fuel consumption. Regardless of the operating conditions, GEAR EP is never too thick and never too thin.
- Lower maintenance costs. The long life characteristics of this hypoid gear oil reduces wear related down time.

APPLICATION

- Single grade gear oil. GEAR 80/90EP can be used wherever a SAE 80W or SAE 90 oil is specified.
- Miscible with all mineral and synthetic gear oils. No flushing is therefore required.

TYPICAL CHARACTERISTICS

Properties	Unit	Value Gear EP	
SAE Grade		80W-90	85W-140
Viscosity @40° C	cSt	140	389
Viscosity @100° C	cSt	14.3	27.4
Viscosity Index		99	96
Specific Gravity @ 15° C	g/ml	0.897	0.907
Flash Point ° C		210	215
Pour Point ° C		-27	-12

Package sizes

1000 litre
205 litre
60 litre
20 litre
5 litre
1 litre (80W90 only)