



PRODUCT DATASHEET

SPC GL5 GEARLUBE

Automotive Gear Oil

SPC GL5 GEARLUBE is an extreme pressure gear lubricant formulated for hypoid gears operating under severe conditions and for very highly loaded gears subjected to dynamic loads.

PERFORMANCE STANDARDS

SPC GL-5 GEARLUBE meets the following performance requirements:

- API GL-5
- MAN 342M-2
- ZF TE-ML 05A / 7A /12E / 16B / 16C/ 16D / 17B / 19B

BENEFITS

SPC GL-5 GEARLUBE provides the following benefits:

- Ensures a continuous lubricant film on gears operating under the severest conditions involving heavy dynamic and shock loads and very high or intermittent sliding speeds between the teeth.
- Maintains outstanding anti-wear properties and reduces gear-tooth and bearing wear.
- Maximizes oxidation stability to prevent sludge formation.
- Maintains non-corrosive to steel and other metals
- Maximizes antirust properties and effectively prevents rust on gears and in bearings.
- Minimizes the formation of air bubbles which could adversely affect lubricant film continuity.

APPLICATIONS

SPC GL5 GEARLUBE is particularly recommended for lubricating hypoid gears subject to heavy loads (including dynamic loads), high slip between teeth and high temperatures.

It can also be used in conventional gearboxes and steering-boxes on cars and trucks, and in gear-boxes, final drives and power take-off on farm and earth-moving machineries.

It can thus be used for lubricating gears, requiring oil of extreme pressure property for which the manufacturer recommends an EP lubricant.

TYPICAL CHARACTERISTICS

SPC GL5 GEARLUBE					
SAE Grade	80W90	85W90	85W140	90	140
Viscosity, Kinematic					
at 40 deg C, cSt	158.0	159.5	384.4	160.7	380.6
at 100 deg C, cSt	15.9	15.5	28.0	15.5	27.6
Viscosity Index	104	99	99	98	98
Specific Gravity, 15/15 deg C	0.898	0.899	0.906	0.893	0.907
Flash Point, COC, deg C	215	215	230	220	230
Pour Point, deg C	-27	-18	-12	-27	-12

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.