

Kunlun GL-5 Automotive Gear Oil

Kunlun GL-5 Automotive Gear Oil 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

Kunlun GL-5 Automotive Gear Oil meets the following performance requirements:

API GL-5

Benefits

Kunlun GL-5 Automotive Gear Oil 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 anti-rust properties and effectively prevents rust on gears and in bearings.
- Minimizes the formation of air bubbles which could adversely affect lubricant film continuity.

Applications

Kunlun GL-5 Automotive Gear Oil is particularly recommended for lubricating hypoid gears in automotive axles and differentials subjected to heavy loads (including dynamic loads), high slip between teeth and high temperatures. It can thus be used for lubricating gears, requiring oil of extreme pressure property for which the manufacturer recommends an EP lubricant.

Typical Characteristics

Kunlun GL-5 Automotive Gear Oil

SAE Grade	S0W-90	SSW-90	SSW-140
Kinematic Viscosity			
40°C, mm ² /s	158.0	159.5	384.4
100°C, mm ² /s	15.9	15.5	28.0
Viscosity Index	104	99	99
Specific Gravity, 15°C, g/cm ³	0.898	0.899	0.906
Flash Point, COC, °C	215	215	230
Pour Point, °C	-27	-18	-12