

Hanasaki GL-5 Gear Oil Series

Premium Quality Automotive Gear Oil

Product Description

Hanasaki GL-5 Gear Oil Series are premium quality gear oils designed for hypoid gears operating under severe conditions and for very highly loaded gears subjected to dynamic loads. This product is particularly suitable for lubricating hypoid gears that are operated under 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 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.

This product provides the following benefits to its users:

- 1) Superior wear protection through its EP technology and oiliness, markedly reducing gear-tooth and bearing wear even in very severe operating conditions
- 2) Strong oxidation stability that prevents deterioration of oil at high temperature which causes sludge formation and viscosity increase
- 3) Non-corrosive to metals and prevents rusting of gears and bearings
- 4) Excellent foaming properties that ensures oil film continuity

Performance Standards

API GL-5, MIL-L-2105B

Typical Properties

Properties	SAE Grade			
	80W-90	85W-140	90	140
Viscosity @ 40°C (ASTM D445) , cst	150	400	186	417
Viscosity @ 100°C (ASTM D445) , cst	15.3	28.1	15.5	28.8
Viscosity Index (ASTM 2270)	104	98	96	96
Pour Point (ASTM D97) , °C	-27	-15	-12	-12
Flash Point (ASTM D92) , °C	214	232	200	210
Density @ 15°C (ASTM D4052) , kg/l	0.888	0.895	0.897	0.898

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.