

AISIN

gearTECH⁺

Gear Oil

gearTECH+ GL-5 is a high-performance, multipurpose, thermally stable, EP automotive gear lubricant.

75W-90 / 80W-90 / 85W-140 - API GL-5, MIL-L-2105D

Customer Benefits

Provides long equipment life by resisting gear wear and scuffing. Maximizes equipment availability by avoiding premature failure or need for overhaul due to deposit-induced seal wear and leakage. Assists smooth shifting in manual transmissions by controlling glazing and coking of friction surfaces in synchronizing mechanisms. Provides long oil service life by resisting oxidation and oil thickening. Provides against corrosion of ferrous and nonferrous components.

Application

- Recommended for automotive hypoid gear applications requiring lubricants meeting MIL-L-2105D, MIL-L-2105C, MIL-L-2105B, API Service GL-5 or where EP, multi-purpose or hypoid type gear oils are specified.
- Recommended where loading is severe and maximum gear protection is required. "Clean gear" technology makes it particularly suitable where gear oil temperatures are high.
- Not recommended for manual transmissions and transaxles where the manufacturer specifies API GL-4(mild-EP) lubricants, or where the manufacturer advises against the use of API GL-5(multipurpose, hypoid) lubricants.

Typical Properties

SAE Viscosity Grade	Density	Kinematic Viscosity		Viscosity Index	Flash Point	Pour Point	Base Oil
	kg/L @15°C	mm ² /s @40°C	mm ² /s @100°C		°C	°C	
75W-90	0.869	85.7	14.65	178	225	-43	Synthetic Technology
80W-90	0.875	136.7	14.65	107	208	-38	Synthetic Technology
85W-140	0.880	306.6	25.68	109	210	-32	Synthetic Technology

*The above data may differ slightly from the actual value of the product within the range where there is no abnormality in product performance.



Performance Standard

- API GL-5
- MIL-L-2105D

Unique Features

High performance, thermally stable, EP automotive gear lubricant (API GL-5, MIL-L-2105D, SAE 80W-90, 85W-140)

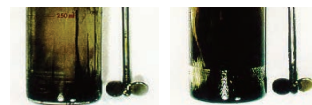
Very Good Anti-wear Performance
High quality base oil and additive provide good resisting gear wear and scuffing under severe conditions.



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Other

Outstanding thermal & oxidation stability
gearTECH product is superior to other products in oxidation test under 150°C, 96 hours. (Oxidation Test Method: JIS K2514)



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Other

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