

Idemitsu Gear GL-5 Series **SAE: 80W-90, 90 & 140**

Description

A high quality automotive transmission and differential gear oil meeting the API grade: GL-5. It is formulated with EP agent, anti-oxidant, corrosion inhibitor and anti-foamer and selected base oil.

Application

Recommended for all automotive transmission and differential gears when API grade: GL-5 and below is recommended.

Characteristics

1. **High Viscosity Index**- Less fluctuation of viscosity caused by the change of temperature assures smooth start up in low temperature and reduces loss of gear torque
2. **High Oxidation Stability** - A combination of anti-oxidant and high refined base oil assures excellent oxidation stability under high temperature operating condition
3. **High Endurance Ability For Heavy Load** - Extreme pressure additive prevents welding & pitting at the contacting point of gears caused by heavy load
4. **Prevent Foaming** - Addition of anti-foamer which can prevent foaming to be happened for smoother lubrication
5. **Prevent Corrosion & Rust** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process

Packing

6 x 4 Litres, 20 Litres Pail, 200 Litres Drum

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Lubricant Product Information

Typical Specifications

Idemitsu Gear GL-5 Series

	ASTM			
	METHOD	80W-90	90	140
SAE Viscosity grade		80W-90	90	140
Color (Appearance)	D-1500	L4.5	L4.0 (Green)	L5.0 (Green)
Density 15 °C g/cm ³	D-4052	0.8958	0.8971	0.9096
Flash Point (COC) °C	D-92	194	224	220
Viscosity, cSt @ 40 °C	D-445	126.2	196.9	434.4
@ 100 °C		14.09	17.63	29.50
Viscosity Index	D-2270	110	97	96
Pour Point °C	D-97	-32.5	-6.0	-6.0
TAN (mgKOH/g)	D-664	0.93	0.91	0.91
Copper Corrosion (100°C x 3h)	D-130	1(1b)	1(1b)	1(1b)
Foaming @ 93.5 °C (ml)	D-892	0-0	0-0	0-0
Foaming @ 24 °C (ml) (Seq 3)	D-892	0-0	0-0	0-0

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