

Lubricant Product Information

Idemitsu Gear GL-5 80W-90

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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Typical Specifications

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	ASTM	
	METHOD	
SAE Viscosity grade		80W-90
Color (Appearance)	D-1500	L1.5
Density 15 °C g/cm ³	D-4052	0.8867
Flash Point (COC) °C	D-92	188
Viscosity, cSt @ 40 °C	D-445	130.5
@ 100 °C		14.65
Viscosity Index	D-2270	113
Pour Point °C	D-97	-30
TAN (mgKOH/g)	D-664	1.06
Copper Corrosion (100°C x 3h)	D-130	1(1b)
Foaming @ 93.5 °C (ml)	D-892	0-0
Foaming @ 24 °C (ml) (Seq 3)	D-892	0-0

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