

# Product Information

## PROFIX GL-5 90 GEAR

- PROFIX GL-5 90 gear is high performance for high load with high performance of API GL-5 which is manufactured by blending a multipurpose type extreme pressure additive into base oil of high viscosity index subjected to special refining treatment and conforming to the SAE 90 standard It is gear oil.

### Recommended standard

API GL-5

### Characteristics (Typical Figures)

SAE Grade		90
Viscosity at 100°C	mm <sup>2</sup> /s	17.71
Viscosity at 40°C	mm <sup>2</sup> /s	188.9
Pour Point	°C	-25.0
Viscosity Index	-	102
Flash Point COC	°C	216
Density at 15°C	g/cm <sup>3</sup>	0.8991

### PROPERTIES AND PERFORMANCE OF PROFIX GL-5 90 GEAR

- Differential gears for automobiles and vehicles are subjected to impact loads during operation, so single grade oil with high viscosity and extreme pressure performance is suitable.
- It has appropriate viscosity characteristics as a high grade gear oil, the oil film at high temperature is tough, suppresses abnormal temperature rise. It also excels in excellent load bearing performance and demonstrates outstanding performance even under severe service conditions of hypoid gears.
- By incorporating a strong antioxidant, it prevents oxidation of oil over a long period of time and prolongs the life span.
- It is characterized by durable viscosity characteristics by using viscosity index improver excellent in shear stability.