

NewAge Petro Conchem  
Pvt. Ltd.

# Product Specification Sheet

**Automotive Gear Oil (AGO)**



Reliable quality, trusted performance

## AUTOMOTIVE GEAR OIL

Automotive Gear Oil (AGO) is a high-performance lubricant specially formulated for manual transmissions, differentials, and gearboxes operating under heavy loads and extreme pressure conditions. It provides superior wear protection, oxidation stability, and smooth power transmission, ensuring extended gear life and reliable performance.

Available Grades:

- Gear Oil 90 (API GL-4)
- Gear Oil 80W90
- Gear Oil 75W90
- Gear Oil 85W140

Analytical Test	Typical Specification			
	Gear oil 90 API GL4	Gear oil 80W90	Gear oil 85W140	Gear oil 75W90
Color By Gardner	< 4.5	< 4.5	< 4.5	< 4.5
Appearance	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 29.5 °C	0.830 – 0.860	0.830 – 0.860	0.830 – 860	0.850 - 0.870
K. Viscosity @40 °C	To Report	To Report	To Report	To Report
K. Viscosity @ 100 °C	13.50 to 17.50	13.50 to 17.50	26.50 to 31.50	13.50 to 15.50
Viscosity Index	Min 110	Min 140	Min 140	Min 155
Flash Point, COC	Min 190°C	Min 200°C	Min 200°C	Min 190°C
Pour Point	Max -18°C	Max -30°C	Max -33°C	Max -15°C
Total Acid Number (mg of KOH/gm)	Max 1.50	Max 1.50	Max 1.50	Max 1.50

### Advantages :

- Excellent Extreme Pressure (EP) Protection
- Superior Wear & Load Carrying Capacity
- High Thermal & Oxidation Stability
- Smooth Gear Engagement



(Formally known as NewAge Industrial Oils Pvt Ltd)

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- Protection Against Rust & Corrosion
- Reduced Gear Noise & Vibration
- Extended Gear & Bearing Life
- Strong Film Strength Under Heavy Loads
- Reliable Performance in High & Low Temperatures