

NewAge Petro Conchem  
Pvt. Ltd.

# Product Specification Sheet

**Industrial Gear Oil**



Reliable quality, trusted performance

## INDUSTRIAL GEAR OIL

Industrial Gear Oil is a high-performance lubricant formulated to provide superior protection against wear, scuffing, and extreme pressure in enclosed gear systems. Designed for heavy-duty industrial applications, it ensures smooth power transmission, reduced friction, and extended equipment life.

Available in multiple viscosity grades, it delivers excellent thermal stability, oxidation resistance, and load-carrying capability under severe operating conditions.

Available Grades:

- Gear Oil 90
- Gear Oil 140
- Gear Oil 150
- Gear Oil 220
- Gear Oil 320
- Gear Oil 460SN 150 (GR01 / GR02 / GR03)
- 8 CST
- SN 500 (GR01 / GR02)
- BS 150

Analytical Test	Typical Specification					
	Gear oil 90	Gear oil 140	Gear oil 150	Gear oil 220	Gear oil 320	Gear oil 460
Color By Gardner	< 3.5	< 3.5	< 3.5	< 4.5	< 4.5	< 4.5
Appearance	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 29.5 °C	0.870 – 0.885	0.870 – 0.890	0.870 – 0.890	0.870 – 0.892	0.870 – 0.892	0.870 – 0.892
K. Viscosity @40 °C	85 – 100	130 – 150	140 – 160	210 – 230	310–330	450–470
K. Viscosity @ 100 °C	Min 9.0	Min 10.0	Min 12.0	Min 14.0	Min 18.0	Min 25.0
Viscosity Index	Min 85	Min 85	Min 85	Min 85	Min 85	Min 85
Flash Point, COC	Min 190 °C	Min 190 °C	Min 190 °C	Min 190 °C	Min 200 °C	Min 200 °C
Pour Point	Max -6	Max -3	Max -3	Max -3	Max -3	Max -3



(Formally known as NewAge Industrial Oils Pvt Ltd)

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Total Acid Number (mg of KOH/gm)	Max 1.50	Max 1.50	Max 1.50	Max 1.50	Max 1.50	Max 1.50
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### Advantages :

- Excellent Extreme Pressure (EP) Protection
- Superior Load Carrying Capacity
- Reduced Gear Wear & Pitting
- High Thermal & Oxidation Stability
- Improved Efficiency & Smooth Operation
- Strong Rust & Corrosion Protection
- Extended Drain Intervals
- Reliable Performance Under Heavy Loads