

NewAge Petro Conchem  
Pvt. Ltd.

# Product Specification Sheet

**Thermic Fluids**



Reliable quality, trusted performance

## THERMIC FLUIDS

Thermic Fluids are specially formulated heat transfer oils designed for efficient thermal energy transfer in closed-loop and open heating systems. These fluids provide excellent oxidation resistance, thermal stability, and protection against sludge formation at elevated operating temperatures.

Available in Thermic Fluids 500 and Thermic Fluids 600 grades, they ensure consistent heat transfer performance and long operational life in industrial heating applications.

Available Grades:

- Thermic Fluids 500
- Thermic Fluids 600

Analytical Test	Typical Specification	
	Thermic Fluids 500	Thermic Fluids 600
Color by Gardner	< 3.0	< 3.0
Appearance	Clear & Bright	Clear & Bright
Density @29.5 °C	0.860 – 0.875	0.850 – 0.870
K. Viscosity @40 °C	26 to 32	28 to 35
K. Viscosity @ 100 °C	To Report	To Report
Viscosity Index	Min 90	Min 100
Flash Point, COC	Min 200 °C	Min 210 °C
Pour Point	Max -9 °C	Max -12
Total Acid Number (mg of KOH/gm)	Max 1.50	Max 1.50

### Advantages :

- Excellent Thermal Stability
- High Oxidation Resistance
- Efficient Heat Transfer Capability
- Low Sludge & Deposit Formation
- Extended Fluid Service Life
- Reduced Maintenance Costs
- Stable Performance at Elevated Temperatures



(Formally known as NewAge Industrial Oils Pvt Ltd)

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- Good Low-Temperature Flow Characteristics