

## LUBRALL THERMO SYSTEM – 600

### (Heat Transfer Fluid)

#### Product Description

**LUBRALL Thermo System-600** is a premium quality thermic fluid formulated from carefully selected petroleum base stocks combined with high-performance additives. It is designed to deliver reliable and efficient heat transfer performance in indirect, closed heat transfer systems operating at elevated temperatures.

The product offers excellent resistance to oxidation and thermal degradation, ensuring long service life and consistent performance under severe operating conditions.

#### Application Areas

LUBRALL Thermo System-600 is suitable for **all types of heat transfer applications**, and finds extensive use in:

- Textile industries
- Pharmaceutical industries
- Chemical and processing industries
- Paint and varnish manufacturing
- Petrochemical plants

#### Operating Capability

- Suitable for indirect, closed fluid heat transfer systems
- Recommended bulk operating temperature: **up to 320°C**

#### Key Features & Benefits

- Superior thermal stability at high operating temperatures
- Extended fluid life with reduced oxidation and thermal degradation
- Minimal fouling and deposit formation on heat transfer surfaces
- Sustained and efficient heat transfer characteristics
- Low volatility and low vapor pressure
- Non-corrosive and non-toxic nature
- Excellent thermal conductivity

#### Performance Advantages

- Excellent oxidation and chemical stability
- Consistent viscosity characteristics
- Improved system cleanliness
- Reduced maintenance and downtime

### Typical Physico-Chemical Properties

Properties	LUBRALL Thermo System-600
Kinematic Viscosity @ 40°C, cSt	27 – 38
Flash Point (COC), °C, Min	220
Viscosity Index	100
Pour Point, °C, Max	0
Copper Strip Corrosion, 3 hrs @ 100°C (ASTM), Max	1
Neutralisation Number, mg KOH/g, Max	0.15

### Specific Heat (kcal/kg°C)

- @ 260°C: 0.741
- @ 280°C: 0.761
- @ 300°C: 0.791

### Thermal Conductivity (kcal/hr-m-°C)

- @ 260°C: 0.100
- @ 280°C: 0.099
- @ 300°C: 0.097

**Packing:** - 210 Liter drum.

**NON-WARRANTY:** The information in this bulletin is based on our experience and tests which we believe to be reliable, but offer no guarantee and accept no responsibility for operations not under our direct control.

**"FOR ANY COMPLAINTS CALL on: +91 9763686372 WITH DETAILS OF BATCH NO."**



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