

## **Hot Oil**

OGDCL invite bids for the supply of 1,03,500 Liter hot oil in accordance with the terms and conditions specified in the Tender Documents.

### **1. Scope of Work**

The following scope of supply shall be applicable for supply of hot oil.

- 1.1 Supply of hot oil as per quantity mentioned at SOR.
- 1.2 Provide operating guidelines and technical literature for the proper usage of hot oil.
- 1.3 Technical support services throughout the usage of supplied hot oil as per Clause-7 on as and when requirement basis.
- 1.4 Provide details of testing/monitoring parameters required to monitor the performance, quality and operability of supplied hot oil.

### **2. Basis for Selection of Hot Oil**

#### **Specifications**

The offered hot oil shall follows below listed minimum specifications. For all other specs which has significant effect on hot oil system and operation, the offered brand should follow the specifications of Therminol-66.

| <b>S.No.</b> | <b>Parameters</b>            | <b>Requirement</b>                          |
|--------------|------------------------------|---|
| 1            | Composition                  | Modified terphenyl or compatible for mixing |
| 2            | Moisture contents            | 150 ppm (Max)                               |
| 3            | Flash point                  | 184 °C (Min)                                |
| 4            | Fire point                   | 212 °C (Min)                                |
| 5            | Autoignition temperature     | 370 °C (Min)                                |
| 6            | Boiling point                | 359 °C (Min)                                |
| 7            | Density                      | 1005 kg/m <sup>3</sup>                      |
| 8            | Specific gravity (20/20 °C)  | 1.012                                       |
| 9            | Kinematic Viscosity at 40 °C | 29.6 cSt                                    |
| 10           | Bulk operating temperature   | 0 - 345 °C (Min)                            |
| 3            | Maximum film temperature     | 370-375 °C (Min)                            |

*H.P. at*  
14/2/19  
**HAJRA KHATOON**  
Chemist (P&P)-QA/QC  
Ext: 3344