



Product Code : VPCL / HT / K 059 - 060

VRINDA THERM OIL 500 AND 600

THERMIC FLUID

CHARACTERISTICS

| VRINDA THERM OIL | VRINDA THERM OIL 500 | VRINDA THERM OIL600 |
|--|----------------------|---------------------|
| Appearance | Bright & Clear | Bright & Clear |
| Sp.Gravity @ 29.5 °C | 0.865 | 0.870 |
| Colour ASTM D 1500 | < 0.5 | < 0.5 |
| Viscosity @ 40 °C cSt | 32 | 35 |
| T.A.N. mg of KOH/g | 0.01 | 0.01 |
| Pour Point °C | -6 | -3 |
| Flash point °C | 210 | 220 |
| CCR% Wt | <0.012 | <0.013 |
| Copper Corrosin @100 °C / 3 hrs | 1 a | 1a |
| Oxidation Stability test as per IP 48, 2 X 6 Hrs. @ 200 °C/ 15 Liter per hour air flow. | Passes | Passes |
| Specific heat K cal/Kg °C | | |
| 260°C | 0.629 | 0.630 |
| 280°C | 0.647 | 0.640 |
| 300°C | 0.665 | 0.666 |
| Thermal conductivity K cal/hr-mt- °C | | |
| 260°C | 99.7 | 96.6 |
| 280°C | 98.4 | 95.3 |
| 300°C | 97.2 | 94.1 |

Note :- Specific requirements shall be custom-made on request