

VERVO-HTEMP Oil

DESCRIPTION

These grades are formulated from specially derived petroleum base stocks having exceptional resistance to degradation during high temperature use.

VERVO-HT 500

The product is manufactured from petroleum stocks produced by special refining process in which the thermally unstable components are removed. VERVO-HT 500 is recommended in service involving a maximum bulk oil temperature of 290°C. In addition, it has the following benefits.

- Excellent oxidation & chemical stability
- Good heat transfer properties
- Low volatility
- Non-corrosive and non-toxic

VERVO-HT 600

This grade is derived from the finest quality petroleum base stocks and is fortified with high performance additives to enhance performance at higher temperatures. It has the following outstanding features.

- Ability to provide superior performance in indirect closed fluid heat transfer system up to bulk operating temperature up to 320°C
- Increased life, reduced oxidation and thermal degradation
- Minimal fouling and deposit formation on heat transfer surface. Hence sustained heat transfer characteristics

KEY PROPERTIES

PROPERTIES	VERVE-HT 500	VERVE-HT 600
Kinematic Viscoslty @ 40 °C, cSt	27-35	27 -38
Flash Point (COC), °C, Min	204	220
Viscosity Index	95	100
Pour Point °C Max	0	0
Copper Strip Corrosion 3Hr @ 100°C (ASTM), Max	1	1
Neutralisation Number mg KOH/g, Max	0.15	0.15
Specific Heat Kcal /Kg °C at		
260°C	0.731	0.741
280°C	0.751	0.761
300°C	0.772	0.791
Thermal Conductvity, Kcal/Hr-Mt °C at		
260°C	0.097	0.100
280°C	0.096	0.099
300°C	0.095	0.097