

T & C OIL

Turbine & Circulating Oil

▪ Description

It is a Premium quality circulating oils made from solvent refined base oils with hydro-cracking technology. Additives package is used that provides excellent oxidation and thermal stability, high viscosity index, outstanding anti-wear properties and good rust and corrosion protection.

▪ Features and Benefits

- Excellent lubricating properties
- High thermal and oxidation stability
- High viscosity Index
- Excellent anti-corrosion anti-rust properties
- High resistance to foaming



▪ Application

Circulating oil systems commonly used for heavily loaded bearings operating at high speeds and temperatures. These lubricants can be used for plain and rolling element bearings and for both open and enclosed gear sets and are suitable for application by bath, splash or circulation systems. Also suitable for use in oil flooded rotary screw compressors, liquid ring vacuum pumps, hydrocarbon process gas compressors and gas turbine applications.

▪ Health and Safety

This product poses no significant health risk when used and handled properly. Carefully wash away the touched portion after contact with oil. Do not through used oil indiscriminately to avoid environmental pollution. For any query please visit- www.sigma-oil.com

▪ Typical Physical Properties

Grade ISO	ISO 32	ISO 46	ISO 68	ISO 100
Viscosity, cSt at 40°C	32.45	46.62	68.49	102.06
Viscosity, cSt at 100°C	5.71	7.29	9.13	11.89
Viscosity Index	117	110	116	107
Flash Point, °C max ^m	222	225	228	237
Pour Point, °C min ^m	-18	-18	-18	-18
Density at 30°C, g/ml	0.8466	0.8516	0.8549	0.8622
Foaming Sequence I	10/0	10/0	10/0	10/0