



# T & C Oil Series

## 320, 400, 600, 1000, 1500

**T & C Oil Series** are Premium quality Turbine & Circulating oils made from solvent refined base oils with hydro cracking technology. This Series are specifically designed for use in gas and steam turbine Zinc-Free applications. Here special additive's package has been used that provide excellent oxidation and thermal stability, excellent water separability, high viscosity, outstanding anti-wear properties and good rust and corrosion protection.

### BENEFITS

- Excellent lubricating properties
- High thermal and oxidation stability
- High viscosity Index
- Excellent anti-corrosion anti-rust properties
- High resistance to foaming
- Highly versatile - multiple applications.



### APPLICATION

Recommended for lubrication of all types of modern power plant Turbines – Steam, Gas and Hydraulic.

### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS				
		320	400	600	1000	1500
<b>ISO VISCOSITY GRADE</b>	-	<b>ISO 32</b>	<b>ISO 46</b>	<b>ISO 68</b>	<b>ISO 100</b>	<b>ISO 150</b>
Appearance	ASTM D 4176	B & C	B & C	B & C	B & C	B & C
Color	ASTM D 1500	L 0.5	L 0.5	L 0.5	L 0.5	L 1.5
Density at 30°C gm/ml	ASTM D 4052	0.8428	0.8508	0.8566	0.861	0.872
Kinematic Viscosity @ 40°C	ASTM D 445	31.78	47.41	73.60	104.2	158.73
Kinematic Viscosity @ 100°C	ASTM D 445	5.66	7.26	9.63	11.97	15.85
Viscosity Index	ASTM D 2270	111	114	109	104	102
TAN	ASTM D 974	0.345	0.345	0.345	0.345	0.345
Flash Point °C	ASTM D 92	242	245	245	235	247

### 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](http://www.sigma-oil.com)

Data Sheet



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