



## Product Data Sheet

# HYDROTUR T

### DESCRIPTION

**HYDROTUR T** is a versatile, zinc-free circulating oil formulated with high quality base oils and additives that control rusting, provides additional oxidation stability, inhibit foaming, and provides excellent demulsibility.

### PROPERTIES

- Meets international standards of oxidation stability, anti-rust property, and performance
- Formulations are compatible with sealing materials used in hydraulic systems

### TYPE

- Premium Quality Circulating Oil

### GRADES

- ISO VG 32, 46, and 68

### APPLICATIONS

- Recommended (ISO VG 32, 46, and 68) for steam turbines manufactured by GEC, Alstom, Hitachi/Marubeni, JBE (John Brown Engineering), Mitsu, ABB (Asea Brown Boveri) and Rumania
- Can also be used for turbochargers, compressors (reciprocating/piston), hydraulic systems and plain/anti-friction bearings.

### QUALITY LEVELS

It has the performance profile of:

- Cincinnati Machine P-38, P-54, P-55, P-57
- General Electric GEK-32568
- Solar Turbines ES9-224
- US Military MIL-H-17672D
- DIN 51524, Part I
- Dennison HF-1, HF-0 (Bench Tests)

It is approved and certified according to ALSTOM Specifications HTGD 90117 (Lubricating and Control Oils for Turbines)

### AVAILABLE PACKAGES

Please contact our Sales Team for the available packages.

### TYPICAL CHARACTERISTICS

	32	46	68
Specific Gravity at 15.6°C	0.8474	0.8585	0.8692
Flash Point, COC, °C	220	226	232
Color, ASTM	0.5	1.0	1.0
Kinematic Viscosity at 40°C, cSt	32.60	44.02	66.89
Kinematic Viscosity at 100°C, cSt	5.500	6.700	5.210
Viscosity Index	105	105	105
Pour Point, °C	-9	-9	-6
Total Acid Number, mg KOH/g	0.15	0.15	0.15
Zinc, % wt.	Not Detected	Not Detected	Not Detected