

TURBINE

HYDRAULIC OILS

TruSouth Premium Turbine Oils are a series of rust and oxidation inhibited industrial oils for lubrication of medium and heavy duty, high temperature gas, steam, and hydraulic turbine systems. TruSouth Turbine Oils offer effective and superior effective protection against system rusting caused by water contamination and protect against sludging and deposits caused by oil oxidation. Additionally, our Premium Turbine Oils prevent excessive wear due to extreme pressure applications.

TruSouth Turbine Oils are blended from highly-refined, thermally stable high viscosity index Group II Base Stocks along with a robust performance additive. This formulation will enable more dependable system performance through the optimum control of oxidation, sludging, corrosion and wear. This performance will allow for extended equipment protection and the elimination of unscheduled maintenance downtime.

BENEFITS:

- Exceptionally Long Oxidation Life
- Excellent Foam and Demulsibility Control
- Rapid Water Separation and Fast Air Release.
- Filterability performance in the Presence of Water and Calcium Contamination
- Thermal Stability- Control of Sludge and Other Deposit Formation
- Outstanding Hydrolytic Stability
- Non-Corrosive to Silver Bearings
- Strong Inherent Antiwear/EP protection
- Surpasses Industry and OEM Requirements for Modified (nitrogen blown) D2272 RPVOT
- Zinc-Free Additive

INDUSTRY SPECIFICATIONS:

TruSouth Turbine Oils meet or exceed the following specifications:

General Electric GEK 32568E/F | Solar Turbines ES 9-224 | General Electric GEK 107395
 Alston HTGD 90117 | Alston HTGD 117E | DIN 51524 Part 1 & 51515 | British Standard 489

TYPICAL PROPERTIES

	32	46	68	100	150	220	320	460
ISO Grade	32	46	68	100	150	220	320	460
Viscosity, cSt (SUS), 40 C	34.8	47.3	66.9	104.9	154.1	221.6	306	406
100 C	5.8	6.9	8.7	12.4	16.36	20.9	22.5	32.1
Viscosity Index	100	100	100	100	100	100	100	100
API Gravity, 15.16 C (60 F)	31.7	30.2	30.1	30.4	30.2	29.6	28.1	27.8
Flash Point, COC, C(F) Min.	218 (424)	236 (457)	251 (484)	194 (382)	188 (371)	192 (377)	307 (585)	310 (590)
Pour Point, C(F) Max.	-42 (-43)	-33 (-27)	-28 (-19)	-36 (-32)	-34 (-29)	-29 (-21)	-26 (-15)	-21(-6)
Color, ASTM	L 1.5	L 1.5	L 2.5	L 2.5	L 3.0	L 3.0	3.5	4.5
Oxidation, ASTM D-943, Hrs	>12,000	>11,000	>11000	>11,000	>11,000	N/A	N/A	N/A

Order Numbers

Available in:	32	46	68	100	150	220	320	460
55 gallon drums	0174511	0174611	0174711	0174811	0174911	0175011	0175111	0175211
and BULK	0174500	0174600	0174700	0174800	0174900	0175000	0175100	0175200