



## Turbine Oil

Turbine Oil SYN is specially formulated specifically for use in gas combustion turbines, features a unique blend of highly refined base oils and proprietary additive technology. Its advanced formula provides superior oxidative and thermal stability while preventing varnish and sludge formation on critical surfaces. It ensures long-lasting, trouble-free performance in gas combustion turbines, minimizing unplanned outages and maximizing uptime.

### Main Benefits

- Exhibits superior oxidative and thermal stability for long-term performance
- Inhibits varnish, sludge and deposit formation
- Exhibits superior air release properties and suppresses foam
- Provides outstanding rust, corrosion and anti-wear protection
- Separates readily from water

### Specification & Performance Standards

DIN 51515, Part I & II • General Electric K32568G, 27070, 46505E, • JIS K 2213

Type 2 • Siemens TLV 9013 04/05 • Alston HTGD 90117 W0001(EP), CM P-38,55 and 54; Solar Turbine

### Typical Physical Characteristics

Property	Unit	Test Method	Typical Value	
ISO Grade		SAE J300	32	46
Density@ 15°C	g/cc	ASTM D4052	0.857	0.863
Kin. Viscosity @40°C	cSt	ASTM D7042	32	46
Kin. Viscosity @100°C	cSt	ASTM D7042	5.46	6.76
Viscosity Index		ASTM D2270	110	110
Flash Point COC	°C	ASTM D92	232	234
Pour Point	°C	ASTM D7346	-24	-24
RPvOT, 150 deg C	Minutes	ASTM D 2272	1150	1150
TOST	Hrs	ASTM D 943	>10000	>10000

Other ISO Viscosity grades are available upon request.

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at [www.unitedgrease.com](http://www.unitedgrease.com). © United Grease and Lubricants Co LLC, 2022