

WearGuard™ D-A SYN Turbine Oil Series begins with premium synthetic PAO base oils optimized for extended drain intervals while providing outstanding protection even in the most demanding operating conditions. This high-performance product exhibits superior thermal stability, reduced volatility and compatibility with mineral oils including elastomers and seals.

WearGuard™ D-A SYN Turbine Oil Series is blended with D-A's advanced **ChemGuard™** additive technology. It excels with comprehensive ashless and phosphorous-free rust and oxidation inhibitors (R&O) to provide extended fluid life. This product rigorously impedes foaming and undesirable varnishing from coke deposits. The proprietary **ChemGuard™** additive also delivers demulsibility characteristics while resisting filter plugging from sludge formation and foreign contaminants.

Characteristics

- Synthetic performance for extended drain intervals
- Excellent R&O inhibitor
- Thermal stability
- Reduces maintenance costs
- Anti-foam properties

Meets or Exceeds

- Alstrom HTGD 90117
- Cincinnati Milacron P-38, P-55, P-57
- Din 51524, Part 1; 51515 Part 1
- Denison HF-1
- General Electric GEK-23568, GEK-107395
- Hagglands-Dennison HF-0 Bench Tests
- Siemens TLV 9013 04
- Solar Turbines ES9-224

Typical Properties

WearGuard™ D-A SYN Turbine Oil Series	ASTM Test			
ISO Viscosity Grade		32	46	68
Viscosity @ 40°C,cSt	ASTM D445	31	46	69
Viscosity @ 100°C,cSt	ASTM D445	5.97	9.4	12.9
Viscosity Index	ASTM D2270	144	191	193
Flash Point, °C/°F	ASTM D92	243/470	210/415	230/445
Pour Point, °C/°F	ASTM D97	-68/-90	-50/-60	-40/-40
FZG Load Stage	DIN-51354	n/a	11	11
Four ball wear-40Kg.,1200rpm, 1 hr@75°C, Scar Diameter, mm	ASTM D4172	n/a	0.53	0.52
Specific Gravity	ASTM D1298	0.835	0.98	0.98
Density, lb/gal 60°F	D4052	6.95	0.99	0.99



801 Edwards Drive Lebanon, IN 46052
 1-800-OIL-LUBE (1-800-645-5823)
 (317) 923-5321 (765) 482-3065 FAX
www.dalube.com dalube@dalube.com

DA-SYNTurbo rev 12/2012, rev 7/13
 The information in this bulletin is, to the best of our knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control.
 © 2013, D-A Lubricant Company, Inc.

Made in
USA

Industrial Synthetic Turbine Oils