



# **S-OIL TURBINE**

## **SYNTHETIC INDUSTRIAL TURBINE OIL**

### **Product Description**

S-OIL TURBINE is high quality turbine oil designed for steam or hydraulic turbine operating under all service conditions. It made from advanced additive technology and pure base oil produced through severe hydrocracking process, so excellent oxidation and thermal stability can help your machine can operate longer and more stable and the maintenance cost could be reduced.

### **Applications**

- Steam & Hydraulic turbines operating under all service conditions

### **Features and potential benefits**

- Good anti-foam performance for equipment trouble control
- Good filterability even in the presence of water
- Environmental friendly formulation with ashless additive technology
- Excellent protection against rust and corrosion
- Good demulsibility ensuring rapid water separation
- Reduced maintenance costs due to high oxidation and thermal stability
- Good resistance to oxidation avoiding formation of sludge at normal operation temperature and ensuring a long service life of the fluid thanks to high quality synthetic base oil

### **Performance level**

- DIN 51515, PART I (L-TD), PART II (L-TG)
- Siemens TLV 9013 04/01
- British Standard BS489
- General Electric GEK 32568 A/C
- MIL-L-17672D/17672D
- CEGB Standard 207001
- Brown Boveri HTGD 90117
- U.S.Steel 120
- Westinghouse Electric Corp
- Alstom HTGD 90 117 V0001 S

### **Typical Properties**

Test Items	Method	Unit	Full Synthetic ISO VG 32	Synthetic Blended ISO VG 46	
Specific gravity	ASTM D1298	-	0.8421	0.8477	
Color	ASTM D1500	-	L 1.0	L 1.0	
Viscosity	40°C	ASTM D445	cSt	33.21	46.52
	100°C	ASTM D445	cSt	5.80	7.77
Viscosity index	ASTM D2270	-	129	129	
Flash point	ASTM D92	°C	242	245	
Pour point	ASTM D97	°C	-37	-31	

S-OIL CORPORATION  
192, Baekbeom-ro, Mapo-gu,  
Seoul, 04196, Korea

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2015.11.11.



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.