

## **PREMIUM AW SYNTHETIC TURBINE OILS**

ISO Grades 22, 32, 46, 68, 100, 220, 320

### **Product Description**

These Premium AW Synthetic Turbine Oils are formulated from HVI synthetic base stock with selected additives to meet lubrication requirements of various turbine systems, hydraulic applications, and air compressors. The products are very thermally and oxidatively stable and provide excellent anti-foam and air release characteristics with wear protection.

### **Applications**

These oils are recommended to meet the requirements of steam turbines, land-based gas turbines, and hydraulic systems where anti-wear characteristics are a requisite. Other uses include heat transfer systems, gear cases, friction clutches, and other similar industrial applications for long trouble-free service. Premium AW Synthetic Turbine Oils have excellent thermal and oxidation stability and rust-prevention, anti-foam, and water separation properties.

### **Typical Properties**

Property	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100	ISO 220	ISO 320
Viscosity, cSt @ 40°C	21.8	30.2	44.2	66.2	100.5	225	330
Viscosity, cSt @ 100°C	4.6	5.7	7.4	9.9	14.3	27	36
Viscosity Index	129	132	132	133	146	154	156
Flash Point, COC (°F)	380	390	415	445	450	455	455
Pour Point (°F)	-42	-40	-31	-22	-15	-12	-9
Turbine Oil Stability, ASTM D-943	>6000	>6000	>6000	>6000	>6000	>6000	>6000
Neutralization No., TBN-C, ASTM 974	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Gravity, API @ 60°F	35	34.7	34.1	33.9	33.4	33.1	33.0

\*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.