

R&O Turbine Compressor Oils (EP)

(November 2019 edition)

AMALIE R&O Turbine Compressor Oils (EP) are premium oils that bring superior rust protection and antioxidant performance. They exhibit strong water separation characteristics, foam inhibition, thermal stability, filterability, and hydrolytic stability. They are formulated to provide Extreme Pressure and Anti-Wear (EP/AW) performance for systems with gear reduction drives or hydraulic systems that call for EP/AW performance. **AMALIE R&O Turbine Compressor Oils (EP)** oils are premium ash-less oils used in the lubrication of various compressors, turbines, circulating systems, and pumps. They contain a non-zinc EP system, which may be used universally in all R&O/Compressor applications, and the unique performance needs of large turbine power generating units requiring such chemistry and performance.

Benefits

- Excellent Filtration in the Presence of Water
- Inhibits Air-Entrainment and Excessive Foam Buildup
- Hydrolytic Stability in the Presence of Water
- Protects Against Corrosion
- Excellent Water Separation
- Minimizes Carbon, Varnish, and Sludge

Typical Properties

ISO Grade	32	46	68
SAE* Grade Approximate	10	20	20
Specific Gravity	0.863	0.867	0.873
Flash Point, °C	220	225	230
Kinematic Viscosity @100°C, cSt	4.3	5.4	6.8
Kinematic Viscosity @40°C, cSt	22	32	46
Viscosity Index	100	102	102
Pour Point, °C	-33	-30	-27
Water Separation, ASTM D1401, minutes	<20	<20	<20

Typical values are listed. Variations not affecting the performance of this fluid may occur during production.

Applications

AMALIE R&O Turbine Compressor Oils (EP) are formulated to meet or exceed the following OEM and National specification standards.

BS 489	GB 11120 2011 L TGA, L TGE	Mitsubishi MS04 MA 001 005
DIN 51515 Part 1	GB 11120 2011 L TGSE, L TGSE	Solar ES 9 224W
ASTM D4304 Type I	Alstom HTGD 90117 2012	ASTM D4304 Type II
ISO 8068E TSA	Alstom ABB NBA P50001	ISO 8068E TSE
ISO 8068E TGA	GEK 46506e, 28143b, 32568h, 107395a	ISO 8068E TGE
GB 11120 2011 L TSA, L TSE	Siemens TLV 9013 04	Siemens TLV 9013 05

Additional Information

Please use proper handling and care that you would use with any lubricating oil. Contact your AMALIE Sales Representative for SDS.