



SONIC® TURBINE R&O OIL

EXTREME PRESSURE R&O TURBINE OIL

PRODUCT DESCRIPTION

SONIC® TURBINE R&O OIL is a premium Extreme Pressure (EP) based turbine lubricant that provides long service life by preventing the formation of acids, sludge and other deposits. It's ashless, extreme pressure additive formulation prevents excessive wear from shock loads/overloading and provides exceptional scuffing protection for heavily loaded turbines.

PERFORMANCE FEATURES

- Outstanding demulsibility
- Enhanced hydrolytic stability
- Strong EP formulation
- Superior foam control
- Excellent oxidation stability
- Enhanced filterability in the presence of water
- Outstanding corrosion protection (iron and copper)

APPLICATIONS

SONIC® TURBINE R&O OIL has applications in a wide array of air and inert gas compressors, including; rotary vane, screw and centrifugal type compressors.

TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ISO VG 32
Viscosity cSt @ 40°C	ASTM D445	32.0
Viscosity cSt @ 100°C	ASTM D445	5.5
Viscosity Index	ASTM D2270	115
Pour Point, °C	ASTM D97	-42°
Flash Point, °C	ASTM D92	236°
TAN mg KOH/g	ASTM D974	0.07
Ash (% by Mass)	ASTM D482	<0.01
Demulsibility - mL Oil / mL Water /mL Emulsion (minutes)	ASTM D1401	40-40-0 (15)
Air Release Property @ 50°C	ASTM D3427	0.8 min
Copper Strip Corrosion (3 hrs @ 100°C)	ASTM D130	1-B
Turbine Oil Rust Test A-Distilled Water / B- Synthetic Sea Water	ASTM D665	Pass / Pass
Foam Sequence Test Seq I - Seq II - Seq III	ASTM D892	0/0 - 0/0 - 0/0
FZG Load Stage	ASTM D5182	11
Turbine Oil Oxidation Test (Hours)	ASTM D943	>8,000
Modified RPVOT Fresh Oil Oil after thermal & oxidative stress Antioxidant retention	ASTM D2272	1182 minutes 984 minutes 83%

PERFORMANCE SPECIFICATIONS

In the appropriate grade, SONIC® TURBINE R&O OIL is approved and/or recommended for use in the following:

INDUSTRY / OEM	SPECIFICATIONS
ALSTOM	HTGD 90117
GE	GEK-32568J (MINERAL OILS)
	GEK-32568H
DIN	51515
MDT	WITH LOAD GEARS
SIEMENS	TLV 9013 04
SOLAR TURBINES	ES 9-224

* Always consult your manual for the correct viscosity grade.

MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at coopconnection.ca

PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	ISO VG 32
1 L Bottle	
5 L Bottle	
10 L Bottle	
20 L Pail	
110 L Drum	
205 L Drum	✓
1000 L Tote	✓

RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – www.usedoilrecyclingsk.com
- Alberta – www.usedoilrecyclingab.com
- British Columbia – www.bcusedoil.com
- Manitoba – www.usedoilrecycling.com/en/mb

CONTACT INFO

For more information on this or any other CO-OP® lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

petroadmin@fcl.crs • www.fuel.crs • www.agro.crs

SONIC® ®Registered trademark of Federated Co-operatives Limited, Saskatoon S7K 3M9
® CO-OP and the CO-OP logo are registered trademarks of TMC Distributing Ltd., Saskatoon S7K 3M9

