



DURAGARD®

INDUSTRIAL TURBINE

R&O AA-320

INHIBITED CIRCULATING OIL

Duragard® Industrial Turbine R&O AA-320 Premium Circulating Oil is a premium quality oil formulated with ultra refined paraffinic base oils designed to meet the requirements of Steam Turbines, and Gas Turbines. It has a robust additive package that helps to eliminate the formation of varnish and sludge, and possesses unsurpassed rust and corrosion protection, and due to the high quality blend, a film strength that simply cannot be achieved using conventional mineral base oils.

Duragard® Industrial Turbine R&O AA-320 Premium Circulating Oil has excellent class leading thermal stability, efficient & effective operation over a wide range of temperatures, promotes extended equipment life, and has outstanding resistance to oxidation related to extended run time. It readily separates from water and has extraordinary resistance to foaming and provides for reduced water contamination. It is highly recommended for applications calling for rust and oxidation inhibited turbine type circulating oils.

Customer Benefits with DIAMOND PLATE PROTECTION®

- * Exceptional protection against friction and wear.
- * Outstanding rust/oxidation resistance.
- * Reduced foaming ensures smooth, efficient operation and proper lubrication of all parts in the system.
- * Excellent varnish control and cleanliness.
- * Unsurpassed protection even in the harshest conditions.

Product Code: DURTURBINEAA320

Product Containers Available:



5 gal.



2.5 gal.
2 pack



30 gal.



55 gal.



BULK



BULK
LIMITED AREA



www.duragardoil.com

Made in USA with domestic and imported products.

2021 © Copyright ADVANTAGE DIST., LLC All Rights Reserved

Diamond Plate Protection®

DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904

Rev 3/2021 PG-1



Application Specifications:

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

Cincinnati Lamb P-38, 54, 55, 57 and 62	Meets Requirements
Solar Turbines ES-9-224 Class II Mineral	Meets Requirements
DIN 51517 Part 2, CL Lubricants	Meets Requirements
DIN 51524 Part 1, HL Lubricants	Meets Requirements
AGMA 9005-F16 R&O lubricants, inhibited	Meets Requirements
US Steel 126	Meets Requirements
GE GEK 32568A	Meets Requirements
British Standard BS 489	Meets Requirements

Typical Physical Specifications:

ISO 320

Product Code: DURTURBINEAA320

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	28.2
Pour Point °C (°F)	ASTM D5950	-18°C (0°F)
Flash Point °C (°F)	ASTM D92	-272°C (521°F)
Viscosity @ 100°C cSt	ASTM D445	25.0
Viscosity @ 40°C cSt	ASTM D445	324
Viscosity @ 100°F SUS	ASTM D445	1722
Viscosity @ 40°F SUS	ASTM D445	124
Viscosity Index	ASTM D2270	99
Corrosion Test	ASTM D665 A	PASS
Corrosion Test	ASTM D665 B	PASS
Copper Corrosion @ 121°C; 3hrs		1B
Demulsibility, 3.mL: oil-water-emulsion (minutes)	ASTM D1401	20
Foam Sequence I, III	ASTM D892	0/0
Foam Sequence II	ASTM D892	10/0
Cincinnati Lamb Req.		--

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

#1 In Customer Service And Technical Support

ADVANTAGE

Advantage Distributing and Lubricants, LLC

3434 Marion Rd SE
Rochester, MN 55904

1-800-420-1414 507-289-5555
INFO@ADVANTAGELUBES.COM