



# **DURAGARD®**

## **INDUSTRIAL R&O TURBINE 32**

### **INHIBITED CIRCULATING OIL**

**Duragard® Industrial R&O Turbine 32 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 R&O Turbine 32 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 wear from contaminants and higher operating temperatures and pressures ensures longer equipment life.
- \* Maintains viscosity, even under higher operating temperatures, and has sufficient reserve of key additives, resulting in longer fluid life and reduced operating costs.
- \* Reduced foaming ensures smooth, efficient operation and proper lubrication of all parts in the system.

Product Code: DURTURBINE32

#### **Product Containers Available:**



2.5 gal.  
2 pack



5 gal.



30 gal.



55 gal.



BULK



BULK  
LIMITED AREA



**[www.duragardoil.com](http://www.duragardoil.com)**

Made in USA with domestic and imported products.

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***Diamond Plate Protection®***

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Rev 03/2019 PG-1



## Application Specifications:

### Duragard® Industrial R&O Turbine 32

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

AFNOR E-48600 HL	Suitable for Use
British Standard 489	Suitable for Use
Cincinnati Machine/Milacron P-38	Suitable for Use
Denison HF-1	Suitable for Use
DIN 51515 Part 1, Part 2	Suitable for Use
DIN 51524, Part 1	Suitable for Use
General Electric GEK-32568F, GEK107395	Suitable for Use
MIL-L-17672C	Suitable for Use
Solar Turbines ES 9-224	Suitable for Use
U.S. Steel 126	Suitable for Use

## Typical Physical Specifications:

### ISO 32

Product Code: DURTURBINE32

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Color	ASTM D1500	0.05
Flash Point °C	ASTM D92	207
Flash Point °F	ASTM D92	405
Gravity, °API	ASTM D287	32.63
Nitrogen, wt. %	ASTM D4629	0.0164
Phosphorus, wt. %	ASTM D5185	0.003
Pour Point °C (°F)	ASTM D5950	-33°C (-27°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8621
Sulfated Ash, wt. %	ASTM D874	0
Sulfur, wt. %	ASTM D4951	0.011
Viscosity @ 100°C cSt	ASTM D445	5.565
Viscosity @ 40°C cSt	ASTM D445	32.38
Viscosity Index	ASTM D2270	109

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**

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