



DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904 Product Code: DUREURUS46

# DURAGARD®

## **INDUSTRIAL EURUS 46 SYNTHETIC COMPRESSOR OIL**

**ADVANCED TECHNOLOGY, PREMIUM SYNTHETIC LUBRICANTS**

**DURAGARD® Industrial Eurus 46 Synthetic Compressor Oil** is a supreme performance air compressor lubricant primarily intended for the lubrication of severe duty rotary screw and vane air compressors operating under severe conditions including high final compression temperatures or where extended oil drain intervals are desired.

**DURAGARD® Industrial Eurus 46 Synthetic Compressor Oil** is very effective in screw type compressors with oil injection cooling; compressors with a history of excess oil degradation, poor valve performance or deposit formation. It is particularly effective for continuous high temperature operation with discharge temperatures up to 200°C and compressor systems with critical gears and bearings. It is not for air compressors used in breathing air applications.

### **Customer Benefits with *DURAGARD*® DIAMOND PLATE PROTECTION®**

- \* Outstanding thermal and oxidation stability help to provide extended oil drain interval and reduce maintenance downtime
- \* Excellent varnish and sludge control helps to deliver cleanliness and extended compressor oil life
- \* High performance synthetic base stocks with high viscosity index enables wide temperature range capability and effective lubrication at high temperatures
- \* High load carrying capability protects equipment and extends life, helps minimize unexpected downtime and extend service periods
- \* Exceptional resistance to rusting and corrosion, very good antiwear, demulsibility, foam control and air release and multi-metal compatibility
- \* Excellent water separability helps reduce carryover to downstream equipment, reduce sludge formation in crankcases and discharge lines, helps reduce blockage of coalescers, coolers and less potential for emulsion formation

## Application Specifications:

### ***DURAGARD***® ***Industrial Eurus 46 Synthetic Compressor Oil***

This product meets, or exceeds the requirements for these applications:

- \* Primarily for rotary screw and vane air compressor, very effective in screw type compressors with oil injection cooling; compressors with a history of excess oil degradation, poor valve performance or deposit formation.
- \* Compressors operating under severe conditions, particularly effective for continuous high temperature operation with discharge temperatures up to 200°C.
- \* Compressor systems with critical gears and bearings.
- \* Compatible with all metals used in compressor construction and with conventional mineral oil-based air compressor oils but mixture with other oils may detract from the total performance.
- \* *Not for air compressors used in breathing air applications.*

## Product Containers Available:

Bulk \* 55 gal. \* 30 gal. \* 5 gal. pails \* 2.5 gal/2pk

## Typical Physical Specifications:

**Product Code:** DUREURUS46

INSPECTION INFORMATION	TEST METHOD	32	46	68
ISO Viscosity Grade		32	46	68
Viscosity @ 40°C cSt	ASTM D445	30.6	44.1	65.3
Viscosity @ 100°C cSt	ASTM D445	5.6	7.1	9.7
Viscosity Index	ASTM D2270	123	122	129
Pour Point °C (°F)	ASTM D5950	-42°C (-43.6°F)	-42°C (-43.6°F)	-39°C (-38.2°F)
Flash Point °C (°F)	ASTM D93	204°C (399.2°F)	197°C (387°F)	192°C (377.6°F)
Color		Orange Liquid	Orange Liquid	Orange Liquid
Copper Strip Corrosion 24h @ 100°C	ASTM D130	1B	1B	1B
Rust Characteristics Proc B	ASTM D665	Pass	Pass	Pass
Specific Gravity 15°C	ASTM D1298	0.8779	0.8676	0.865

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**

# ADVANTAGE

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[http://duragardoil.com/duragard\\_industrial\\_eurus\\_46\\_syn\\_comp\\_oil\\_2050\\_ghs.php](http://duragardoil.com/duragard_industrial_eurus_46_syn_comp_oil_2050_ghs.php)