# Eastern Spindle Oils (R&O)



**Eastern Premium Spindle Oils** are designed for the lubrication of high-speed spindles in automated machine tools. They are formulated from quality high V.I. base stocks, plus additives to provide long term oxidation stability, and corrosion protection. They also provide good demulsibility from water, plus anti-foam characteristics that provide component rust protection, and resistance to sump cavitations. Eastern Spindle Oils will effectively lubricate lightly loaded bearings running at high speeds.



### **Features & Benefits**

Superior Oxidation Stability Provides long service life for oil & reduces harmful deposit formation.

**Excellent Rust & Corrosion Protection** Protects critical machine components & extends equipment life.

#### Effective Water Separation

Keeps moisture out of sensitive machine areas, prolonging service life.

#### **Maximum Wear Protection**

Low viscosity properties & special additives reduce heat & wear to machine components.

## **Specifications & Approvals**

Cincinnati Machine P-62 (ISO VG 10) Cincinnati Machine P-45 (ISO VG 22)

## Applications

General Machine Spindle Oil High Speed Close Tolerance Lubrication Automated Machine Tools Textile Industry Machine Oil Light Viscosity Non-EP Bearing Oil Circulating Oil



## **Typical Properties**

ISO GRADE	10	22
Viscosity;		
cSt. @ 40°C	11.6	20.6
SUS @ 100°F	68	4.10
Gravity API @ 60° F	32.0	33.4
Viscosity Index	75	96
Flash Point (COC) °F	342	400
Pour Point °F	0	+10

#### Health & Safety Information

**TOOLING & MACHINERY** 

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. Product formulations are subject to change without notification.



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