

# Eiffel Velocity S 10, 15, 22, 32

High Speed Bearing & Circulating Oils – Zinc Free



## Product Data Sheet

### Product Description

Eiffel Velocity S range of lubricants are premium quality oils specifically formulated for the lubrication of high-speed spindle applications in industrial machine tools. These oils are formulated from very high quality hydro-treated, low viscosity base oils and advanced zinc-free additive technology system to provide improved thermal, oxidation. They are available in 4 viscosity grades, Eiffel Velocity S 10 (ISO VG 10), S 15 (ISO VG 15), S 22 (ISO VG 22) and S 32 (ISO VG 32).

### Features & Benefits

- Excellent protection and lubrication of bearings, worm gears and cams, helps in reducing equipment downtime and energy loss.
- Excellent oxidation stability prevents product deterioration and extends oil life
- Effective corrosion protection results in longer equipment life and reduced maintenance costs.

### Specifications

**Eiffel Velocity S series meets or exceeds following International and Builder specifications:**

- Cincinnati Machine P-62

### Application

Eiffel Velocity S series are suitable for use in low to moderate pressure Hydraulic systems, where low viscosity oils are recommended.

- Suitable for lubrication of high-speed spindles in machine tools.
- Suitable for use in high-speed components of industrial sewing machines, bearings and spindles.
- Also suitable for use in low to moderate duty worm gears and cams systems.

### Typical Characteristics

Eiffel Velocity	Test Method	Units	S 10	S 15	S 22	S 32
ISO Viscosity Grade	ISO 3448	-	10	15	22	32
Color	ASTM D 1500	-	<1.0	<1.0	<1.0	<1.0
Appearance	Visual	-	Light Color Clear Liquid			
Density @ 15 °C	ASTM D 4052	gm/cc	0.835	0.840	0.845	0.855
Viscosity @ 40 °C	ASTM D 445	cSt	11.0	15.5	22.4	32.4
Viscosity @ 100 °C	ASTM D 445	cSt	2.85	3.56	4.67	5.60
Viscosity Index	ASTM D 2270	-	105	110	128	110
Pour Point	ASTM D 97	°C	-24	-24	-24	-21
Flash Point (COC)	ASTM D 92	°C	175	180	195	215
Copper Strip Corrosion	ASTM D 130	-	1A	1A	1A	1A

*The above figures are typical of blends with normal production tolerance and do not constitute a specification.*