

SCILIA MS 5032-S



METALWORKING
LUBRICATION



Medium to heavy-duty, chlorine-free tri-purpose cutting oil

APPLICATIONS

Non-staining tri-purpose
cutting oils for
machining

- **SCILIA MS 5032-S** is tri-purpose machine-tool lubricant since it can be used as a cutting oil, gear oil and hydraulic or way oil. This makes this cutting oil ideal for automatic screw machines where one oil is used for all three purposes.
- It is a non-staining oils designed for both ferrous and non-ferrous cutting applications. It contains special extreme pressure and lubricity additives to produce heavy-duty capability without active sulfur.

ADVANTAGES

Tripurpose oil reduces
fluid inventory

Controls finish with long
tool life

- Tripurpose oil allows one fluid for screw machine
- Controls tool wear
- Provides superior surface finish reducing rejects
- Excellent anti-foaming oxidation properties.
- Non-staining

CHARACTERISTICS

TYPICAL CHARACTERISTICS SCILIA MS 5032-S	
Appearance, visual	Dark
Color ASTM D 1500	8.0
Viscosity at 40 °C, cSt ASTM D 445	34
Viscosity at 100 °C, cSt ASTM D 445	5.1
Viscosity index ASTM D 2270	65
Specific gravity @ 60/60°F ASTM D 1298	0.910
Density, lbs/gallon ASTM D 1298	7.58
Flash point, COC, °F (°C) ASTM D 92	350 (177)
Sulfur	Present
Fat	Present
Chlorine	None
Tapping torque test (1020 HR Steel) % Efficiency ASTM D 5619	96%
Pipe threading torque test (Black Pipe) % Efficiency	99%

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