

SCILIA MS 7046-S



METALWORKING
LUBRICATION



Heavy-duty, chlorine-free transparent cutting oil

APPLICATIONS

Cutting oils for
broaching, tapping and
threading of tough steels

- **SCILIA MS 7046-S** is heavy-duty cutting oil containing active sulfur. It is recommended for tough machining processes such as broaching, tapping and threading of carbon, stainless and chrome steels where staining is not important.
- The superior extreme pressure characteristics of **SCILIA MS 7046-S** reduce heat buildup and provide maximum tool life. In addition, it improves surface finish, reducing rejects.

ADVANTAGES

Transparent

Controls finish with long
tool life

- Low color provides excellent transparency for work pieces
- Controls tool wear
- Provides superior surface finish reducing rejects
- Excellent anti-foaming oxidation properties.
- Non-staining

CHARACTERISTICS

TYPICAL CHARACTERISTICS SCILIA MS 7046-S	
Appearance, visual	Light yellow
Color ASTM D 1500	L2.0
Viscosity at 40 °C, cSt ASTM D 445	46
Viscosity at 100 °C, cSt ASTM D 445	6.7
Viscosity Index ASTM D 2270	105
Specific gravity @ 60/60°F ASTM D 1298	0.913
Density, lbs/gallon ASTM D 1298	7.602
Flash point, COC, °F (°C) ASTM D 92	395 (202)
Active sulfur	Present
Fat	Present
Chlorine	None
Tapping torque test (1020 HR Steel) % efficiency ASTM D 5619	120%

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