



Metalworking

SCILIA 5033 IN



Inactive sulphur base neat cutting oil

PRODUCT PROFILE



- SCILIA 5033 IN is a unique blend of refined hydrocarbon, polar friction modifiers and specialty sulphurized esters to attain good boundary lubrication property to meet the critical machining requirement.

APPLICATIONS

- Best suitable for multi spindle, screw cutting, thread rolling, tapping, automatics and machining of copper alloy & low carbon & medium steel.
- Meet high speed , deep cut nut forming operation
- Also suitable for mild forming operation where depth of drawing is minimal.
- Compatible with both ferrous and non ferrous metals

ADVANTAGES

- Inactive sulphur base **avoids staining of non ferrous materials**
- Built in specialty additives **avoids metal seizure thus enhances die / tool life and productivity**
- Ester infusion helps in **enhancing surface finish and eliminate burn marks and post pickling operation**
- Versatile in wide range of usage – Cooling, Lubrication
- Excellent antiwear and load carrying ability **extend the tool life**
- Exhibit low mist during machining

Typical Characteristics	Reference Methods	SICILIA 5033 IN
Viscosity at 40°C, cSt	ASTM D 445	34
Flash point COC, °C	ASTM D 92	228
Copper Corrosion	ASTM D 130	1b
Four Ball weld load, min. kgs	ASTM D 2784	500
4 Ball wear scar dia, mm	ASTM D 2784	0.32

Above characteristics are mean values given as an information.

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