

# METATRON™ 45 I

## DESCRIPTION AND APPLICATIONS:

**Metatron™ 55 I** is a dark colored, active sulfur base straight cutting oil that is recommended for the machining of ferrous metals only. It is recommended for difficult machining operations such as threading and tapping at high speeds, broaching and for the machining of alloy steels that are difficult to machine.

## COMPOSITION AND PERFORMANCE CHARACTERISTICS:

**Metatron™ 55 I** is blended from a combination of high viscosity index severely hydrofinished 100% paraffin base oils and the finest quality Sulfurized lard oils available. Incorporated into this combination is a chloro-sulfurized additive package.

This chloro-sulfurized additive package provides the **Metatron™ 55 I** with exceptional extreme pressure qualities. These extreme pressure qualities provides the **Metatron™ 55 I** with the following performance benefits:

1. Increased Cutting Speeds, Feel and Depth of Cut.
2. Longer Tool Life
3. Increased Machining Tool Output.
4. Improved Surface Finish
5. Reduced Unit Costs.

## Caution:

**Metatron™ 55 I** is not recommended for use in the machining of copper and copper alloys, bronze, brass, aluminum and aluminum alloys and other non-ferrous metals. **Metatron™ 55 I** contains active sulfur. This active sulfur can cause corrosion of the metals to occur.

**TYPICAL PROPERTIES**

Specific Gravity @ 15°C	0.902
Viscosity @ 40°C, cSt ASTM D-445	38.95
Viscosity @ 100°C, cSt ASTM D-445	5.20
Viscosity Index	95
Flash Point °C (°F) ASTM D-92	177° (350°)
Fire Point °C (°F) ASTM D-92	199° (390°)
% Total Sulfur	1.72%
% Active Sulfur	0.8%
% Fatty Oil	10
% Chlorine	1.26%