

SCILIA 32, 46, &68 EP-S

LOW ODOR, NON CORROSIVE CUTTING OILS

DESCRIPTION

SCILIA EP-S is a series of light colored, non-staining cutting oils for use on both ferrous and non-ferrous metals. These fluids are formulated with anti-weld and lubricity additives to provide superior machining and lubricating performance. SCILIA EP-S is recommended for general machining operations, heavy load and high speed operations, and on difficult to machine alloys.

SCILIA EP-S is safe for use on brass, aluminum, bronze, copper, tin, and nickel, in addition to stainless steel, high nickel steel, and heat resistant alloys. SCILIA EP-S special low odor formulations effectively eliminate the strong sulfur-type smell often associated with cutting oils.

SCILIA EP-S can be utilized as dual-purpose oil in low-pressure lube systems where cross contamination of cutting oil and lube oil is a problem.

TYPICAL SPECIFICATIONS

| | SCILIA 32 EP | SCILIA 46 EP | SCILIA 68 EP |
|------------------------------|---------------------|--------------|--------------|
| Appearance | Clear Amber Liquid | | |
| Odor | Mild Petroleum Type | | |
| Color, ASTM D-1500 | 1.5 | 2.0 | 2.5 |
| Viscosity @ 40 C, cSt | 29 - 35 | 41 - 51 | 61 - 75 |
| Flash Point, COC, F | 390 | 405 | 440 |
| Fire Point, COC, F | 420 | 435 | 470 |
| Specific Gravity @ 60/60 F | 0.878 | 0.882 | 0.885 |
| Density @ 60 F, lbs/gal | 7.31 | 7.35 | 7.37 |
| Total Sulfur, % Wt. | 1.0 | 1.0 | 1.5 |
| Active Sulfur, % Wt. | Nil | Nil | Nil |
| Chlorine, % Wt. | Nil | Nil | Nil |
| Phosphorus, ppm | 850-1050 | 850-1050 | 850-1050 |
| Copper Corrosion, ASTM D-130 | 1a-1b | 1a-1b | 1a-1b |

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TOTAL Lubricants USA, Inc.

ISO: 9001:2000 certified

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