



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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LUBRIPLATE CUT-N-COOL

HEAVY DUTY WATER SOLUBLE CUTTING AND GRINDING FLUID

LUBRIPLATE CUT-N-COOL combines the machining efficiency of a cutting oil with the cooling ability of water all in one product. **LUBRIPLATE CUT-N-COOL** is a heavy duty water extendable sulfur-chlorinated metalworking coolant formulated to offer outstanding performance in difficult machining and grinding operations involving hard-to-work metals such as stainless steel, tool steels and high nickel alloys. **LUBRIPLATE CUT-N-COOL** may be used on all metals except magnesium, copper and some bronze alloys, which may be stained.

LUBRIPLATE CUT-N-COOL will perform as well as straight oil in most applications

ADVANTAGES

- Used to Replace Straight Oils in most Operations
- Increases Tool Life
- Excellent Corrosion Inhibition
- Excellent Finish in Machining and Grinding Operations
- Better Cooling than Oils
- More Economical than Straight Oil

APPLICATIONS

LUBRIPLATE CUT-N-COOL is suited for all types of machining processes including turning, milling, tapping, reaming, broaching, hobbing and sawing. This product also works well in the various grinding processes, including centerless, cylindrical, surface, internal, belt and disc.

STORAGE

Store product at ambient/room temperature.

RECOMMENDED STARTING DILUTIONS

| | |
|--------------------------------------|------------|
| Centerless, ID, OD, Surface Grinding | 33:1 (3%) |
| Milling, Drilling, Turning | 20:1 (5%) |
| Tapping, Reaming, Sawing | 10:1 (10%) |

(Over)

LUBRIPLATE CUT-N-COOL

TYPICAL PROPERTIES

| | |
|-------------------|-------------------|
| Appearance | Dark Brown Liquid |
| Residual Film | Soft, Fluid |
| pH @ 20:1 (5%) | 9.3 ± 0.3 |
| API Gravity | 14.3 |
| Lbs/Gallon | 8.1 ± 0.1 |
| Sulphur | 1 - 2 |
| Chlorine | 4 - 5 |
| Flash Point - COC | 320°F/160°C |

LUBRIPLATE CUT-N-COOL

CONCENTRATION

| | | | | | | | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| CONCENTRATION | 3% (1:33) | 4% (1:25) | 5% (1:20) | 6% (1:17) | 7% (1:14) | 8% (1:12) | 9% (1:11) | 10% (1:10) |
| REFRACTOMETER READING | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12.0 |

(An optical refractometer may be used for determining concentration)

When mixing coolant, it is best to use an automatic proportioner which accurately and thoroughly mixes coolant. **Always** replenish the coolant with a **mixture** of coolant and water, not just coolant or water. **Never** add coolant concentrate directly to the sump.

Packaging Available

Ctn. 4/1 Gallon Jugs
5 Gallon Pail
55 Gallon Drum

Part Number

L0514-057
L0514-060
L0514-062

All reasonable care has been taken to ensure that the above information is accurate as of the date of printing.

Material Safety Data Sheet available upon request.