



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

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PRODUCT DATA

LUBRIPLATE No. 35 SOLUBLE OIL

WATER SOLUBLE CUTTING AND GRINDING FLUID

DESCRIPTION

LUBRIPLATE No. 35 SOLUBLE OIL is a soluble oil concentrate. This product was designed to be extended with water for the machining and grinding of virtually all metals except magnesium.

ADVANTAGES

- ⇒ Operator Friendly
- ⇒ Sulfur and Chlorine Free
- ⇒ Low Foaming
- ⇒ Excellent Hard Water Stability
- ⇒ Mild, Pleasant Odor
- ⇒ Clean Running
- ⇒ Excellent Corrosion Inhibition
- ⇒ Provides Excellent Finish

APPLICATIONS

Designed for use in metalworking applications such as all CNC milling, turning, drilling, tapping and grinding. LUBRIPLATE No. 35 SOLUBLE OIL is also suitable for light-duty stamping operations. Suggested mixture: 1:3 to 1:10 based upon results obtained from the mixture.

RECOMMENDED STARTING DILUTIONS

Centerless, ID, OD, Surface Grinding	25:1 (4%)
Milling, Drilling, Turning	20:1 (5%)
Tapping, Reaming, Sawing	10:1 (10%)

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Appearance - Concentrate	Visual	Brown Clear Liquid
Appearance - Dilution	Visual	Opaque White
Odor		Bland
Residual Film		Soft, Fluid
Specific Gravity @ 60°F	ASTM D-4052	0.919 ± 0.01
API Gravity	ASTM D-287	22.5
Lbs./Gallon		7.65 ± 0.1
Flash Point - COC	ASTM D-92	355°F/179°C

CONCENTRATION

	4% (1:25)	5% (1:20)	6% (1:17)	7% (1:14)
Concentration				
Refractometer Reading	4.4	5.4	7.0	8.0
Concentration	8% (1:12)	9% (1:11)	10% (1:10)	
Refractometer Reading	9.0	10.2	11.4	

(An optical refractometer may be used for determining concentration)

PACKAGING AVAILABLE

Carton 4/1 Gallon Jugs
5 Gallon Pail
16 Gallon Drum
55 Gallon Drum

Part No.

L0576-057
L0576-060
L0576-061
L0576-062