



2000 CUTTING OILS

(Metalworking Fluids with Chlorine)

2000 CUTTING OILS are a series of cutting oils that are suitable for general purpose machining operation of ferrous metals and non-ferrous metals where chlorine is permitted.

2000 CUTTING OILS contains special extreme pressure and lubricity additives to provide good surface finishes.

2122 CUTTING OIL is non-staining, light-colored oil recommended for moderate machining operations of ferrous metals or on non-ferrous metals. **2122 CUTTING OIL** may also be used in moderately pressurized hydraulic systems.

2113 CUTTING OIL has a low viscosity and is designed for grinding operations. It contains

active sulfur and is staining towards yellow metal.

BENEFITS:

- MAXIMIZES TOOL LIFE
- MULTI-PURPOSE CAPABILITY
REDUCES INVENTORY
- IMPROVES SURFACE FINISH
- CONTAINS CHLORINE

APPLICATIONS:

2122 CUTTING OIL is recommended for a wide variety of machining operations and alloys that require light-colored transparent cutting oil. The 2113 Cutting Oil is recommended for grinding operations.

TYPICAL CHARACTERISTICS

Grade	2113	2122
Product Code	16862	16863
Density	0.897	0.912
Color, ASTM D 1500	1.5	1.0
Color, visual	yellow	light yellow
Viscosity (ASTM D-445):		
cSt @ 40°C	4.54	22.3
cSt @ 100°C	1.55	3.71
SUS @ 100°F	41.8	118
Flash Point (ASTM D-92) °F (°C)	250 (121)	290 (143)
Total Sulfur, %	0.9	0.1
Active Sulfur, %	0.8	none
Chlorine content, %	0.8	1.8
Fat Content, %	3.0	2.0

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.
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