

# SPIRIT 7000



METALWORKING



**TOTAL**

**Heavy Duty, Emulsifiable Metalworking Fluid for Most Metals.**

## APPLICATIONS

- **SPIRIT 7000** is an emulsifiable coolant specially formulated for most all heavy duty machining and grinding applications including automotive cast aluminum. Not recommended for use on magnesium. This product is specially formulated with a unique additive system that contains chlorine to provide excellent machinability and exceptional biological control.

## ADVANTAGES

- Extreme pressure and anti-wear agents.
- Excellent cooling and wetting properties
- Non-foaming, non-staining, non-flammable, non-irritating and non-toxic..
- Bio-stable.
- Splits out tramp oil quickly.
- Settles metal fines rapidly and keeps grinding wheels clean.
- Excellent for recycling.
- Versatile
- Superior surface finish

TYPICAL CHARACTERISTICS	SPIRIT 7000
Appearance	Amber Liquid
Density @ 60 °F, lbs./gal.	8.43
Specific Gravity @ 60/60 °F	1.01
Flash Point, COC, °F	None
pH @ 5%	9.3
Chlorine, wt %	4%

Concentration %	4	5	6	7	8	9	10
Ratio	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Refractometer	3.4	4.2	5.0	5.9	6.7	7.6	8.4

**TOTAL Specialties USA, Inc.**

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.