

SPIRIT 5000



METALWORKING



TOTAL

Multipurpose Semi-Synthetic Coolant for Ferrous & Non-Ferrous Metals.

APPLICATIONS

- **SPIRIT 5000** is a semi-synthetic coolant specially formulated for most all machining and grinding applications involving ferrous and non-ferrous materials. This product is chlorine free and offers high emulsion stability, even in hard water. Spirit 5000 provides long tool life and superior finish. Spirit 5000 is not recommended for use on magnesium.

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
- Safe and mild
- Superior surface finish

TYPICAL CHARACTERISTICS	SPIRIT 5000
Appearance	Clear Amber Liquid
Density @ 60 °F, lbs./gal.	8.35
Specific Gravity @ 60/60 °F	1.0
Flash Point, COC, °F	None
pH @ 5%	9.15
Brix Factor	1.27

Concentration %	4	5	6	7	8	9	10
Ratio	1:25	1:20	1:17	1:14	1:12	1:11	1:10
Refractometer	3.3	4.1	4.9	5.7	6.6	7.4	8.2

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. Copyright 2016 All rights reserved.