

SPIRIT 895 S



METALWORKING



TOTAL

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

APPLICATIONS

- **SPIRIT 895 S** 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. Typical dilution ratios are 5:1 to 10:1 with water. Spirit 895 S provides long tool life and superior finish.

ADVANTAGES

- Extreme pressure and anti-wear agents.
- Excellent cooling and wetting properties
- Non-foaming, non-staining, non-flammable, non-irritating and non-toxic..
- Very good success in roll tapping of aluminum alloys.
- 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 895 S
Appearance	Clear Amber Liquid
Density @ 60 °F, lbs./gal.	8.19
Specific Gravity @ 60/60 °F	0.9836
Flash Point, COC, °F	None
Copper Strip Corrosion	1A - 1B
Refractometer reading at 2%	1.3
Refractometer reading at 4%	2.6
Refractometer reading at 5%	3.3
Refractometer reading at 6%	3.9
Refractometer reading at 8%	5.2
Refractometer reading at 10%	6.5
pH @ 10% with 17grain hardness	9.15

Refractometer procedure = Using BRIX 0-32 refractometer, place 1-2 drops on refractometer, record where blue line reads on refractometer. Refract reading x 1.53 = concentration

Alkalinity titration procedure = Add 50mls of product to sample bottle. Add 5-7 drops of methyl orange indicator. Mix. Add 1.0N sulfuric acid titration solution until noticeable color change (i.e., orange to pink). Number of mls titration solution x 2.0 = concentration.

Issue Date: 8302012DL

TOTAL Lubricants USA, Inc.

Linden, NJ 07036
5 North Stiles Street
908.862.9300/800.526.4127

Rockingham, NC 28379
709 Airport Road
800.323.3198 / 800.526.4127