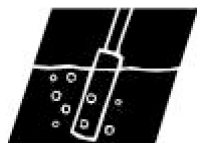


DRASTA 103 S



METALWORKING



TOTAL

Petroleum-Based, Slow Speed Marquench Oil.

APPLICATIONS

- **DRASTA 103 S** is a premium grade, petroleum-based marquenching fluid formulated from specially selected basestocks and wetting agents. This product contributes the proper quenching properties to provide minimum distortion and maximum parts hardness.
- **DRASTA 103 S** contains a highly effective anti-oxidant designed to prolong quench fluid life by providing excellent resistance to oxidation.
- **DRASTA 103 S** is a slow speed marquenching oil that has a low rate of cooling and is used in applications where the hardenability of the material is high enough to enable the required mechanical properties to be obtained even with slow cooling. Highly alloyed materials and tool steels are typical examples of where a slow speed quenching oil would be used.

ADVANTAGES

- Excellent resistance to oxidation.
- High thermal stability.
- Minimum distortion.
- Maximum parts hardness.
- High flash point.

TYPICAL CHARACTERISTICS	DRASTA 103 S
Appearance	Opaque Liquid
Color, ASTM D-1500	8.0
Viscosity at 40°C, cSt	150.0 - 166.0
Density @ 60 °F, lbs./gal.	7.38
Specific Gravity @ 60/60 °F	0.886
Flash Point, COC, °F	500
Fire Point, COC, °F	550
Quench speed @ 250°F, sec.	23.0 - 28.0

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