

## HOSMAC-ONS 5050 CA

### NEW TECHNOLOGY – SYNTHETIC COOLANT

#### Description

unitech's **HOSMAC-ONS 5050 CA** metalworking fluid is synthetic and is based on new chemistry yielding characteristics of synthetics and semi-synthetics. **HOSMAC-ONS 5050 CA** is the newest technology, universal coolant designed for all types of metals and for heavy duty operations.

**HOSMAC-ONS 5050 CA** has special application in tough alloy ferrous metal machining operations yielding excellent finish and tool life at lowest concentrations. However it performs superbly on non-ferrous metals including soft aluminum.

#### Performance benefits

- **EXTENDED TOOL LIFE** – Designed for heavy-duty applications and contains a superior lubricity package that allows tools to perform at their maximum capacity. Provides high finish.
- **EXCELLENT MICROBIAL CONTROL** – High Biostability – Long sump life - Much lower disposal costs.
- **SUPERIOR FOAM CONTROL** – Very low foaming – Can be used in highest pressure applications.
- **EXCELLENT CLEANLINESS** - Designed to reject tramp oils, provides clean parts and keeps machine clean.
- **EXCELLENT CORROSION PROTECTION** – Designed to protect non-ferrous metals from staining and prevent bi-metallic corrosion. Compatible with most metals.
- **HEALTH & SAFETY** – No smoke, Low misting, Mild to skin, No slippery film on floors, parts or machinery. This product has been designed with the operator in mind. This product is free of secondary amines, formaldehyde releasers, amides, sulphonates, boron and chlorinated additives.
- **ECOSYSTEM** – Recyclable. **HOSMAC-ONS 5050 CA** contributes to sustainability movement due to long life and high performance. This product is **Green** as it reduces consumption thus costs dramatically.

#### Recommended Applications and Dilutions

Typical starting dilution for **HYDROSOL 5050** is 5% for most applications and the range is between 5% and 10% depending upon metal being machined and type of machining operation. For concentration control use refractometer; calibrate refractometer with water often, must read 0.0. Always add coolant to water.

#### Typical Physical Properties

**Appearance:** Amber liquid

**Specific Gravity:** 1.01 (20°C)

**pH, concentrate:** 9.3

**Total Chloride/sulphur, wt%:** 0.00

**Solubility in Water:** 100%

**Flash Point, COC:** N.A.

**pH, 5.0% mix in water:** 9.1

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