

GOLDENSTONE® C

Technical Data Sheet (TDS) METALWORKING FLUIDS

Description and Application

Goldenstone® C neat cutting oils are formulated from appropriate highly refined mineral base oils blended with a highly efficient additive package ensuring very good lubricating and cooling properties and reliable protection against wear and corrosion.

Goldenstone® C are recommended for use during machining of ferrous metals and their alloys. They are intended for lubrication and cooling of cutting tools operated under low, moderate and high loads. Moreover, they can successfully be used during high-speed grinding of hard-steels and for cutting tools operated at shock loads and high temperatures in the cutting zone.

Benefits

- Low wear of the cutting tool
- Very good cooling properties
- High oxidation stability

Specifications

| | |
|------------|--------------|
| | VG 22, 32 |
| ISO 6743/7 | ISO-L-MHE |
| BDS 14745 | COT/P-M/MA-1 |

Typical Characteristics

| Parameter | Test Method | Typical Value | |
|---|-------------|---------------|-------|
| | | VG 22 | VG 32 |
| Density at 20°C, g/ml | EN ISO 3675 | 0.874 | 0.877 |
| Kinematic Viscosity at 40°C, mm ² /s | EN ISO 3104 | 22 | 32 |
| Flash point COC, °C | EN ISO 2592 | 200 | 218 |
| Pour point, °C | ISO 3016 | -18 | -15 |
| Four Ball EP wear - Weld point, N | ASTM D2783 | 1600 | 2000 |
| Copper Strip Corrosion, 3h, 100°C, rating | EN ISO 2160 | 1b | |
| Steel corrosion, St 45 | BDS 5747 | pass | |

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>

Packages

210L