

Garia® 405 M-10 US

Low viscosity, chlorine-free neat cutting oil for general machining with active sulfur

DESCRIPTION

Garia 405 M-10 US is a low viscosity, chlorine-free cutting oil with active sulfur designed for general machining operations such as gear hobbing and grinding on camshafts, crankshafts, and gears. This versatile cutting oil is particularly suited for machining a wide variety of materials:

- Steel alloys: Middle to high resistance, low carbon
- Aluminum alloys
- Magnesium alloys

Garia 405 M-10 US is based on hydro-treated mineral oils with low aromatic content. It contains a well-balanced combination of polar, extreme pressure, anti-wear, and anti-mist additives providing high-performance and cost-effective benefits.

Garia 405 M-10 US may discolor copper-based alloys due to active sulfur.

FEATURES / BENEFITS

- Chlorine free, heavy metal free (no zinc)
- Anti-misting, low odor
- Enhanced lubricity with extreme pressure and anti-wear properties improves plant economics:
 - ◊ Extends tool life
 - ◊ Increases productivity
 - ◆ Reduces rework
 - ◆ Lowers scrap rates
 - ◆ Enables higher cutting speeds and forward feed rates
 - ◊ Improves surface finish
- Minimizes waste disposal costs:
 - ◊ No chlorine or heavy metals prevents disposal upcharges
 - ◊ Used oil is suitable for recycling or reclaiming

DATA (TYPICAL VALUES)

| | |
|----------------------|---------------|
| Appearance | Yellow liquid |
| Viscosity @ 40°C cSt | 10 |
| Specific Gravity | 0.86 |
| Flash Point COC °C | 166 |

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

DM 15.04 US



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