



Metalworking Oil

**MAKER METAL 300** 

## **Description**

Oil made with hydrogenated base stocks, specially formulated for polishing low carbon content ferritic and austenitic stainless steel.

## **Properties**

- Low viscosity and appropriate flash point, which allows it to be used without risk of fire.
- High resistance to ageing, oxidation and corrosion.
- Facilitates degreasing, if performed.

## Quality levels, approvals and recommendations

• ISO 6743/7-L-MHA

## **Technical specifications**

|                                | UNIT        | METHOD      | VALUE            |
|--------------------------------|-------------|-------------|------------------|
| Colour                         | -           | Visual      | 1                |
| Appearance                     | -           | Visual      | Clear and bright |
| Density at 15 °C               | g/cm3       | ASTM D4052  | 0.834            |
| Kinematic viscosity at 40 °C   | cSt         | ASTM D445   | 12               |
| Kinematic viscosity at 100 °C  | cSt         | ASTM D445   | 3                |
| Aniline point                  | °C          | ASTM D611   | 95               |
| Flash point, open cup          | °C          | ASTM D92    | 190              |
| Pour point                     | °C          | ASTM D97    | -21              |
| Corrosion Cu, 3hrs 100 °C      | -           | ASTM D130   | 1b               |
| Noack volatility, 1h at 250 °C | % in weight | CEC L-40-93 | 40.9             |
| TAN                            | mg KOH/g    | ASTM D664   | 0.1              |

The above mentioned characteristics are typical values and should not be considered product specifications.