



# LUBRILAM S 31 L

## DESCRIPTION

Base oil for non ferrous cold rolling mills

## APPLICATIONS

LUBRILAM S 31 L is hydrocarbon fluid, highly hydrotreated with very low aromatic content and distilled in narrow cuts.

## BENEFITS

- Very low aromatic and sulfur content.
- High thermal and UV resistance.
- Narrow cut allowing processing cost reductions.
- Very good load carrying capacity.

## RECOMMENDATION

Rolling base oil for semi-finishing to finishing operations of non ferrous metals. The performance can be boosted with additive packages (LUBRILAM ADD Series)

## TYPICAL CHARACTERISTICS

| PROPERTIES                 | VALUES | UNITS              | STANDARDS  |
|----------------------------|--------|--------------------|------------|
| Appearance                 | clear  | -                  | Visual     |
| Colour                     | + 30   | -                  | NFM 07 003 |
| Density at 15°C            | 810    | kg/m <sup>3</sup>  | ISO 3675   |
| Viscosity at 20°C          | 2,85   | mm <sup>2</sup> /s | ISO 3104   |
| Viscosity at 40°C          | 1,95   | mm <sup>2</sup> /s | ISO 3104   |
| Pour point                 | -33    | °C                 | NFT 60 105 |
| Pensky Martens flash point | 90     | °C                 | ISO 2719   |
| Aniline point              | 74     | °C                 | ISO 2977   |
| Total aromatics content    | <300   | ppm                | UV         |
| Distillation range         | -      | °C                 | ISO 3405   |
| Initial boiling point      | 220    | °C                 | -          |
| Final boiling point        | 240    | °C                 | -          |

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded at [ms-sds.totalenergies.com](https://ms-sds.totalenergies.com)