

# Torilis

## Process oil

### APPLICATIONS

Torilis is a range of pure mineral oils used in a variety of industries such as rubber, plastics, leather processing, textile, manufacture of printing ink.

It can also be used as anti-clumping or anti-dust agent.

Torilis are pure mineral hydrocracked oils with a higher viscosity index.

### ADVANTAGES

High natural viscosity index.

Perfectly suitable for blending.

Narrow distillation range.

Benefits from advanced refining.

### TYPICAL CHARACTERISTICS

| Properties           | Units              | Standards   | Torilis          |      |         |      |         |      |
|----------------------|--------------------|-------------|------------------|------|---------|------|---------|------|
|                      |                    |             | HC 1850          | 2500 | HC 2500 | 6200 | HC 6200 | 7200 |
| Appearance           | -                  |             | Clear and bright |      |         |      |         |      |
| Color                | -                  | ASTM D 1500 | 0.5              | 0.5  | 0.5     | 2.0  | 0.5     | 4.0  |
| Density at 15 °C     | kg/m <sup>3</sup>  | ASTM D 4052 | 827              | 873  | 855     | 888  | 874     | 905  |
| Viscosity at 40°C    | mm <sup>2</sup> /s | ASTM D 445  | 13.5             | 31   | 31      | 114  | 113     | 494  |
| Viscosity at 100°C   | mm <sup>2</sup> /s | ASTM D 445  | 3.3              | 5.3  | 5.6     | 12   | 12.4    | 32   |
| Viscosity index      | -                  | ASTM D 2270 | 117              | 101  | 115     | 96   | 101     | 95   |
| Open cup Flash Point | °C                 | ASTM D 92   | >180             | 225  | >210    | >260 | >246    | >280 |
| Pour point           | °C                 | ASTM D 5950 | -20              | -12  | -12     | -6   | -9      | -6   |

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 advisor or downloaded at [ms-sds.totalenergies.com](https://ms-sds.totalenergies.com)