

# Product Data Sheet

## Tomoil<sup>TM</sup> Hydraulic Oil 100

Hydraulic oil

### Product description

Tomoil<sup>TM</sup> Hydraulic Oil 100 represents a superior mineral oil-based hydraulic fluid that incorporates carefully selected additives to boost aging stability and combat corrosion. Its remarkable anti-foaming properties offer protection against wear and rust, accompanied by outstanding filterability.

### Application

- Low- and medium-duty hydraulic systems where antiwear performance is not required.
- Circulation systems.
- Low-duty equipment.

### Features & Benefits

- Good thermal and oxidation stability
- Stable lubricating film between friction surfaces
- Extended oil change intervals and equipment lifetime
- Rapid air release, coupled with low foaming
- Effective corrosion protection

### Typical Properties

| Property                     | Unit               | Test method | Typical value |
|------------------------------|--------------------|-------------|---------------|
| ISO viscosity grade          | -                  | -           | 100           |
| Density at 15°C              | g/cm <sup>3</sup>  | ASTM D4052  | 0.89          |
| Kinematic Viscosity at 40°C  | mm <sup>2</sup> /s | ASTM D445   | 100           |
| Kinematic Viscosity at 100°C | mm <sup>2</sup> /s | ASTM D445   | 11.1          |
| Viscosity Index              | -                  | ASTM D2270  | 95            |
| Flash Point (COC)            | °C                 | ASTM D92    | 250           |
| Pour Point                   | °C                 | ASTM D97    | -18           |

Typical property characteristics are based on current production. Whilst future production will conform to Tomoil<sup>TM</sup> specifications, variations in these characteristics may occur.

## Performance claims

- DIN 51524-1 (HL)
- DIN 51517-2 (CL)
- ISO 11158 HL
- ISO-L-HL

## Health, Safety & Environment

### • Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.tomoil.de](http://www.tomoil.de)

### • Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Available pack sizes

- |                        |                          |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic  |
| • 4 L Canister plastic | • 30 L Canister plastic  |
| • 5 L Canister plastic | • 60 L Drum sheet metal  |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container       |

## Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

## Notes

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