

# Product Data Sheet

## **Tomoil™ Brake& Clutch Fluid DOT-3**

Brake fluid

### **Product description**

Tomoil™ Brake& Clutch Fluid DOT-3, recognized for its adaptability, sustains stability in extreme temperature conditions without experiencing thickening or boiling, thanks to its polyethylene glycol composition. Featuring corrosion resistance elements and a superior boiling point, it assures dependable braking performance, even with extended usage or exposure to moisture absorption.

### **Application**

Tomoil™ Brake & Clutch Fluid DOT-3 is recommended for applications requiring DOT 3 level performance, including vehicles equipped with disc, drum, and anti-skid braking systems. It is also suitable for hydraulic clutch release systems.

### **Features & Benefits**

- High boiling point for enhanced performance
- Minimal rubber swelling
- Exceptional corrosion protection
- Consistent, safe brake performance even under high braking pressure

### **Typical Properties**

| Property                                                   | Unit  | Test method | Typical value                                         |
|------------------------------------------------------------|-------|-------------|-------------------------------------------------------|
| Appearance                                                 | -     | Visual      | Clear homogeneous liquid                              |
| Kinematic Viscosity - at 100°C                             | cst   | ASTM D 445  | 2.000                                                 |
| Boiling Point<br>- of a dry liquid<br>- of a wetted liquid | °C    | ASTM D 1120 | -<br>242<br>142                                       |
| High Temperature Stability                                 | °C    | ISO 4925    | max ± 3, + 0.05 °C<br>for each degree<br>above 225 °C |
| pH                                                         | -     | ASTM D 974  | 10                                                    |
| Density at 20°C                                            | g/cm3 | ASTM D4052  | 1.060                                                 |

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

- FMVSS 116 DOT 3
- ISO 4925 Class 3
- SAE J 1703

## 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

- |                           |                          |
|---------------------------|--------------------------|
| • 0.25 L Canister plastic | • 20 L Canister plastic  |
| • 0.50 L Canister plastic | • 200 L Drum sheet metal |
| • 1 L Canister plastic    | • 1000 L Container       |
| • 5 L Canister plastic    |                          |

## 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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