

# Product Data Sheet

## **Tomoil™ ATF DX-IIIH**

Automotive transmission fluid

### **Product description**

Tomoil™ ATF DX-IIIH mineral stands as a top-tier lubricant designed for automatic gearboxes and hydraulic clutches requiring a Dexron III-type fluid. It guarantees impeccable gearbox performance, even in demanding environments and fluctuating temperatures, offering unmatched reliability and steadfast consistency.

### **Application**

Tomoil™ ATF DX-IIIH mineral is suitable for all automatic transmissions with and without controlled torque converter lockup clutch. It can also be used in hydraulic and power steering systems.

### **Features & Benefits**

- Exceptional thermal and oxidation stability
- High viscosity index
- Outstanding anti-wear properties
- Favorable friction behavior
- Confident corrosion protection
- Superior low temperature pumpability and circulation
- Excellent foam control
- Better seal compatibility

### **Typical Properties**

| Property                           | Unit  | Test method | Typical value |
|------------------------------------|-------|-------------|---------------|
| Kinematic Viscosity at 100°C       | cst   | ASTM D 445  | 8.200         |
| Kinematic Viscosity at 40°C        | cst   | ASTM D 445  | 45.20         |
| Viscosity Index                    | -     | ASTM D 2270 | 158           |
| Flash Point (COC)                  | °C    | ASTM D 92   | 234           |
| Pour Point                         | °C    | ASTM D 7346 | -42           |
| Brookfield Viscosity at minus 40°C | cP    | ASTM D 2983 | 15 000        |
| FZG Test<br>-Failure Load Stage    | -     | ASTM D 5182 | 12            |
| Density at 15°C                    | g/cm3 | ASTM D 4052 | 0.838         |

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

- Allison C4
- Allison TES 389
- GM Dexron IID
- GM Dexron IIIG
- GM Dexron IIH
- GM Dexron TASA (Typ A/Suffix A)
- Voith H55. 6335.XX (G 607)
- MAN 339 Typ. L1
- MAN 339 Typ. L2
- MAN 339 Typ. Z1
- MAN 339 Typ. V1
- MB 236.1
- MB 236.9
- Volvo CE97340
- Volvo CE97341
- ZF TE-ML 02F
- ZF TE-ML 03D
- ZF TE-ML 05L
- ZF TE-ML 21L
- ZF TE-ML 09
- ZF TE-ML 11A
- TE-ML 11B
- ZF TE-ML 04D
- ZF TE-ML 14A
- ZF TE-ML 17C

## 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
- 4 L Canister plastic
- 5 L Canister plastic
- 6 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 60 L Drum sheet metal
- 200 L Drum sheet metal
- 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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