

Product Data Sheet

Tomoil™ ATF SP-III

Automotive transmission fluid

Product description

Tomoil™ ATF SP-III stands out as a synthetic fluid crafted for automatic transmissions, specifically catering to the service fill needs of MITSUBISHI, HYUNDAI, and KIA vehicles equipped with 4-5 speed automatic transmission systems requiring SP III fluid. Developed with precision using thoughtfully chosen elements, this fluid delivers consistent wear protection and favorable friction properties, ultimately promoting the transmission's extended durability.

Application

Tomoil™ ATF SP-III is recommended for use in MITSUBISHI, HYUNDAI, KIA, and other 4-5 speed automatic transmissions where SP-III fluid is required. It is backward compatible with SP and SP-II fluids.

Features & Benefits

- Increased thermal-oxidative and chemical stability
- Exceptional resistance to aeration and foam formation
- Compatibility with all sealing materials
- Excellent anti-corrosion and anti-sludge characteristics
- Extended oil drain intervals
- Efficient power transfer and anti-shudder performance

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	8.2
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 97	-42
Brookfield Viscosity at minus 40°C	cP	ASTM D 2983	15 000
FZG Test -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™ specifications, variations in these characteristics may occur.

Performance claims

- Mitsubishi Diaqueen SP-II/SP-III
- Daihatsu Ammix ATF D3-SP
- Toyota DII/DIII
- TIII/T-IV
- Honda ATF Z-1 (except in CVTs)
- Nissan Matic C/D/J
- Mazda ATF M-III/M-V
- Isuzu BESCO ATF-II and ATF-III
- Hyundai/Kia SP-III
- Subaru/Suzuki ATF

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

• 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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