

AISIN



FL_ATF-AW1_PDS_EN_v01

ATF-AW1 93001/93005

Issued by AISIN Europe Aftermarket



ATF-AW1

OE Automatic Transmission Fluid

Revision n°01

Revision date: 2025-07

General information

AW1 is AISIN's OE-grade automatic transmission fluid, engineered for smooth, reliable performance across a wide range of European and Asian vehicles. Designed with advanced anti-wear chemistry and thermal stability, it ensures seamless shifting, long-lasting protection, and trusted compatibility with modern AISIN 6- to 8-speed transmissions.

Key Features and Benefits

- **OEM-Validated Compatibility:** Developed alongside AISIN transmission platforms and approved for a wide range of OEMs
- **Superior Lubrication & Shift Quality:** Ensures smooth gear transitions and excellent wear protection, even under demanding driving conditions
- **Viscosity Stability:** Maintains optimal fluid performance without excessive thinning or thickening, ensuring consistent operation across a wide temperature range
- **Thermal & Mechanical Resilience:** Performs reliably under high thermal and mechanical stress, supporting long-term transmission durability

Applications

Transmission types:

- **F22 / TG-81:** AWF8F45, AF50, GA8F22AW -AQ450 (09P, 09Q)
- **F21-250 / TF-70:** AWF6F25, AM6, GA6F21AW
- **F21++ / TF-80:** AWF6F45, AT6, AF40
- **R22 / TR-80:** AL1000 (0C8)

Suitable for:

- **BMW:** 83 22 2 355 599 (ATF6)
- **CITROËN / PEUGEOT:** 9734R7
- **JLR:** LR022460
- **OPEL / GM:** 09117946, 19 40 773
- **TOYOTA / LEXUS:** JWS3324
- **VOLVO:** 31256774, 31256775, 31256776
- **VOLKSWAGEN:** G 055 540, G 055 025

Typical Properties

		AW-1
Density@15°C	g/cm ³	0.854
Color	ASTM	RED
Viscosity @40°C	mm ² /s	25.7
Viscosity @100°C	mm ² /s	5.6
Viscosity Index		169
Flash Point(COC)	°C	194
Pour Point	°C	-45
BF Viscosity (-40°C)	Pa · s	7.7
Acid Number	mgKOH/g	1.38
Base Number (HCl)	mgKOH/g	1.96
Elemental Analysis		
B	mass%	0.005
S	mass%	0.12
P	mass%	0.03
Si	mass%	0.0007

Available Packaging /Formats

Available in:

1 L ATF-93001

5 L ATF-93005

Want to go deeper?
Access the full Technical and Safety Data Sheets online.
Visit URL or scan the QR code to explore AW1 in detail.

