

AISIN



FL_ATF-AW2_PDS_EN_v01

ATF-AW2 94001/94005

Issued by AISIN Europe Aftermarket



ATF-AW2

OE Automatic Transmission Fluid

Revision n°01

Revision date: 2025-07

General information

AW2 is AISIN's OE-grade automatic transmission fluid, engineered for the latest AISIN 8-speed transmissions (including hybrid version). With a unique super-low viscosity formulation, it delivers unmatched efficiency, superior wear protection, and long-term durability. Developed for factory-fill applications, it ensures optimal performance and compatibility with modern European and Asian vehicles.

Key Features and Benefits

- **OEM-Validated Compatibility:** Developed alongside AISIN transmission platforms and approved for a wide range of OEMs
- **Super Low Viscosity:** Approximately 50% lower kinematic viscosity at 40°C compared to AW1, significantly reducing churning losses and improving fuel economy
- **Advanced Base Oils & Additives:** Uses high-performance base oils with low traction coefficients and ester-type additives, enhancing fatigue life of gears and bearings under severe conditions
- **Superior Durability & Lubricity:** Outperforms conventional ATFs in durability tests and provides excellent wear protection, ensuring long-term reliability in modern 8-speed AISIN transmissions

Applications

Transmission types:

- **8G30:** ATN8, AWF8G30, 09S
- **8G30h:** eATN8 (hybrid)
- **8G45:** AMN8, AWF8G45
- **8G55:** AWF8G55

Suitable for:

- **CITROËN / DS / OPEL / PEUGEOT:** 16 350 560 80
- **BMW:** 83 22 2 413 477
- **VOLVO:** 31492172, 31492173
- **VOLKSWAGEN:** G 053 001, G 060 540

Typical Properties

		AW-2
Density@15°C	g/cm ³	0.822
Color	ASTM	RED
Viscosity @40°C	mm ² /s	11.8
Viscosity @100°C	mm ² /s	3.2
Viscosity Index		145
Flash Point(COC)	°C	190
Pour Point	°C	-45
BF Viscosity (-40°C)	Pa · s	1.2
Acid Number	mgKOH/g	1.11
Base Number (HCl)	mgKOH/g	1.78
Elemental Analysis		
B	mass%	0.004
S	mass%	0.10
P	mass%	0.03
Si	mass%	0.0011

Available Packaging /Formats

Available in:

1 L ATF-94001

5 L ATF-94005

Want to go deeper?
 Access the full Technical and Safety Data Sheets online.
 Visit URL or scan the QR code to explore AW2 in detail.

