



## MOBIL ATF WS

Mobil Passenger Vehicle Lube , Thailand

Automatic Transmission Fluid

### Product Description

Mobil <sup>™</sup> ATF WS is an exceptionally high performance lubricant that meets original equipment manufacturers' specifications for use in certain slip-controlled lock-up automatic transmissions.

### Features and Benefits

The unique formulation of Mobil ATF WS is designed to provide good fuel economy performance, whilst maintaining excellent lubrication of transmissions in specified slip-controlled lock-up automatic transmissions. These outstanding performance capabilities translate into significant operational benefits, including:

Improved fuel economy performance compared to typical higher viscosity ATFs in the market place

Excellent lubricating characteristics for quiet operation and smooth shifting in approved transmissions

Controlled friction properties for smooth and efficient transmission of power across all normal temperature ranges

Helps to control transmission shudder and provide excellent vehicle driveability

Helps to extend transmission life based on excellent wear control

Long fluid life based on excellent oxidation resistance

Excellent viscosity stability (high viscosity index) to help assure adequate lubrication without excessive thinning in severe high-temperature service or thickening at low starting temperatures

Resistance to foaming

Superb protection against rusting and corrosion

Compatibility with synthetic rubber seal materials

### Applications

Mobil ATF WS is designed to meet the service fill requirements for many Japanese designed vehicles, and is recommended for use in transmissions requiring fluids that meet JWS 3324 requirements. Please refer to the owners' manual for proper fluid requirements.

### Properties and Specifications

Property	
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	5.3
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	23
Viscosity Index, ASTM D2270	173
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.854
Flash Point, Cleveland Open Cup, °C, ASTM D92	184
Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983	7800

## Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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12-2019

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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