

# Product Information: Tranguard 9 ATF

## Description

Tranguard 9 ATF is a premium automatic transmission fluid which is manufactured using high quality synthetic base fluids and a tailored additive system, designed to deliver exceptional automatic transmission performance. The unique formulation exhibits outstanding protection from wear, excellent thermal, oxidative and shear stability. The distinctive frictional characteristics of the fluid allows for smooth transmission operation which is free from vibration and shudder. The high-quality base fluid composition promotes outstanding low temperature performance, offering trouble free operation even in the most severe conditions.

## Applications

Tranguard 9 ATF is primarily intended for use in ZF 9 speed and some 8 speed automatic transmission configurations, 8HP65; 8HP75; 9HP48 and 9HP50. It may also be used where the original equipment manufacturer recommends a fluid of this quality, performance level and viscosity.

## Performance Features

Smooth shifting, even at low temperatures  
Excellent thermal & oxidative stability  
Long fluid life  
Vibration & Shudder free operation  
Outstanding wear protection  
Promotes maximum transmission efficiency

## Performance Levels

ZF Lifeguard 9 (ZF No. AA01.500.001)  
ZF Lifeguard Hybrid 1 (ZF No. AA02.836.455)  
BMW ATF 3+, Oil No. 83222289720  
Honda ATF-Type 3.1: 08263-999-01HE  
Jaguar Oil No. 02JDE 26444  
Land Rover Oil No. LR023288  
Mercedes Benz 236.82 ATF A 000 989 65 05  
Nissan Matic-R, Oil No. 999MP-MTR00P  
Renault ZT50, Oil No. 77 17 277 174  
Stellantis Oil No. 68218925AB

## Typical Data

Characteristic	Unit	Method	Result
Density @ 15.6°C	kg/l	ASTM D4052	0.846
Kinematic Viscosity @ 40°C cSt		ASTM D445	24.9
Kinematic Viscosity @ 100°C cSt		ASTM D445	5.6
Viscosity Index	-	ASTM D2270	175
Flash Point (Open)	°C	ASTM D92	200
Pour Point	°C	ASTM D97	-42
Colour		Visual	Blue

Figures based on average production values