

Reference : **“ROLF ATF Multivehicle” Performance Claims**

**ROLF Lubricants GmbH**  
Neuer Wall 26-28  
20354 Hamburg

20<sup>th</sup> November 2017

To whom it may concern,

As requested, I am writing to confirm that in my judgement, **“ROLF ATF Multivehicle”** when blended using HiTEC<sup>®</sup> 2018 at 15.3 % weight treat rate in Nexbase 3043 or Yubase 4 base stock, is expected to meet or exceed the friction durability and torque capacity performance of typical automatic transmission fluids approved by the major Japanese passenger car OEMs, such as Toyota T-IV, Nissan Matic J and Mitsubishi SP-III.

**“ROLF ATF Multivehicle”** can therefore be considered as ‘suitable for use’ where the following specifications and genuine fluids are recommended:

JASO M315-1A<sub>13</sub>  
Mitsubishi SP II/III  
Nissan Matic C, D, J  
Toyota T-II, T-III, T-IV, WS  
Honda ATF Z1 (except in CVT)  
Mopar +3

Lower performance level applications as satisfied by Type A Suffix A (TASA)

Aisin and Jatco manufactured step type automatic transmissions used in European Vehicles, e.g. Volvo, Opel, VW, Renault, Fiat and Porsche.

**“ROLF ATF Multivehicle”** could also be considered as an acceptable optional fluid where the level of performance below is required:

Allison C-4 (TES-228)  
ZF TE-ML 09, 11A & 11B

This opinion is based on comparative testing of automatic transmission fluids blended with HiTEC<sup>®</sup> 2018 and commercially available OEM approved fluids, field testing, and testing at various independent research laboratories.

This statement is invalidated if the formulation and/or blending procedure deviate from Afton Chemical’s recommendations.

Yours sincerely,



Mark Jones  
Senior CTS Manager  
Driveline and Industrial, EMEA