

FLUIDEMATIC SYN

Automatic transmissions and hydraulic systems

KEY DATA



MEETS THE REQUIREMENTS OF

- 🔥 GM Dexron III G
- 🔥 Ford Mercon
- 🔥 Audi/VW TL 52162
- 🔥 MAN 339 Typ V1 / Z2
- 🔥 Voith H55.6335.xx
- 🔥 ZF TE-ML 04D/14B/16L

SUITABLE FOR

- 🔥 Allison C4
- 🔥 ZF TE-ML 11B
- 🔥 Mercedes-Benz MB 236.11
- 🔥 PSA: PSA transmissions AL4 / 4HP20

APPLICATIONS

Automatic transmissions and hydraulic systems for which the manufacturer recommends the use of an ATF type A suffix A (TASA) transmission fluid:

- automatic gear boxes.
- couplers and torque converters.
- power assisted steering assemblies

PERFORMANCES & CUSTOMER BENEFITS

- 🔥 Exceptional thermal stability and oxidation resistance, preventing the formation of deposits in immersed clutches.
- 🔥 Very high cold fluidity and enhanced lubricity permitting jolt-free operation of the box without excessive slip, at all temperatures and all speeds.
- 🔥 Friction properties especially adapted for the coating materials on clutches, brakes and the lock-up systems installed in modern gearboxes.

CHARACTERISTICS*

| TEST | UNIT | TEST METHOD | RESULT |
|-------------------------------|--------------------|-------------|--------|
| Color | - | ASTM D1500 | Red |
| Density at 15°C | kg/m3 | ASTM D4052 | 854.6 |
| Kinematic viscosity at 40°C | mm ² /s | ASTM D445 | 36.46 |
| Kinematic viscosity at 100°C | mm ² /s | ASTM D445 | 7.353 |
| Viscosity index | - | ASTM D2270 | 187 |
| Brookfield Viscosity at -40°C | cP | ASTM D2983 | 8500 |
| Pour point | °C | ASTM D97 | -54 |
| Flash Point | °C | ASTM D92 | 232 |

*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.



TotalEnergies Lubricants / Last update of this datasheet: June 23 / FLUIDEMATIC SYN

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.