



# TRANSMISSION SYN SAE 50

Transmission Oil

## KEY DATA

**EATON approved fuel economy transmission oil**

**SAE 50**

### INTERNATIONAL STANDARDS

✓ API MT-1

### MANUFACTURER APPROVALS

✓ Eaton Approved PS 164 REV 7

✓ International TMS-6816

✓ Mack TO-A PLUS

✓ Meritor Automotive/Rockwell International 0-81

✓ Navistar TMS 6816

## APPLICATIONS

TOTAL TRANSMISSION SYN SAE 50 is a fully synthetic transmission fluid formulated for the lubrication of manual transmissions, when a non EP gear lubricant is required. It allows very extended drain intervals in the most severe conditions of use, including under very cold or hot weather.

TOTAL TRANSMISSION SYN SAE 50 is particularly recommended for the extended drain service of EATON transmissions, with extended warranty.

## CUSTOMER BENEFITS

- **Extended drain intervals** (up to 800,000 Km – 500 000 miles)
- **Extended warranty coverage at Eaton and Meritor**
- **Easy gear shifting in cold conditions**, and excellent protection at high temperature, for optimal lubrication under all climates
- **Optimized friction and viscosity for better Fuel Economy**
- **Superior protection of components against wear, rust and corrosion**

## CHARACTERISTICS\*

Test	Unit	Test method	Result
Volumetric mass at 15°C	kg/m <sup>3</sup>	ASTM D1298	860
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	132
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	17.5
Viscosity index	-	ASTM D2270	146
Flash point	°C	ASTM D92	221
Pour point	°C	ASTM D97	-45
Brookfield viscosity at -40°C	mPa.s	ASTM D2983	104 000

\* 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. This can be obtained on request from your local reseller and is available for consultation at [www.quickfds.fr](http://www.quickfds.fr).

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

When disposing of the product after use, please protect the environment and comply with local regulations.