



## SYNGEAR MT

### MANUAL TRANSMISSION FLUID

#### PRODUCT DESCRIPTION:

Syngear MT is a heavy-duty synthetic manual transmission fluid that has been specifically developed for extended drain and severe service operations. This fluid is designed to provide exceptional year-round lubrication for manual transmissions, offering superior performance in high-temperature conditions, excellent oxidation stability, wear protection, and corrosion control. Its formulation ensures optimal transmission operation and durability in demanding operating conditions.

#### APPLICATION:

Syngear MT is specifically recommended for heavy-duty manual transmissions that require extended service intervals, such as those found in commercial line haul, vocational, off-road, and bus applications. However, it is important to note that this fluid is not suitable for hypoid gear applications in differentials and final drives where API GL-5, MIL-PRF-2105E, or SAE J2360 lubricants are specified. It is crucial to follow the manufacturer's recommendations to ensure proper lubrication and performance in these specific components.

#### FEATURES & BENEFITS:

- Excellent load carrying and anti-wear performance
- Extended drain capabilities.
- Optimized thermal and oxidation stability.
- High Viscosity Index (min) and outstanding low-temperature fluidity.
- Compatible with a wide range of seal elastomers.
- Excellent viscosity retention, which contributes to system protection throughout the fluid's service life.
- Improved friction reduction properties

#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

| SAE GRADES | SAE 40              | SAE 50              |
|------------|---------------------|---------------------|
| API        | MT-1                | MT-1                |
| EATON      | PS-386              | PS-164 Rev 7        |
| MACK       | TO-A Plus           | TO-A Plus           |
| Navistar   | MPAPS B-6816 Type-2 | MPAPS B-6816 Type-1 |

#### TYPICAL PROPERTIES:

| PARAMETERS            | ASTM  | UNIT  | SYNGEAR MT |        |
|-----------------------|-------|-------|------------|--------|
|                       |       |       | SAE 40     | SAE 50 |
| KV@ 104°F / 40°C      | D7042 | cSt   | TBR        | TBR    |
| KV@ 212°F / 100°C     | D7042 | cSt   | 14.5       | 17.6   |
| Viscosity Index (min) | D2270 | -     | 95         | 95     |
| Density @ 15°C        | D4052 | g/cm3 | TBR        | TBR    |
| Flash Point (min)     | D92   | °C    | 200        | 200    |
| Pour Point (max)      | D97   | °C    | -42        | -42    |

#### DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

#### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.