



# SONIC® TORC® SERIES IV

SAE 10W, 30 & M/S (MULTI-SEASON)

## PRODUCT DESCRIPTION

SONIC® TORC® SERIES IV is recommended to meet the rigid demands of the CAT TO-4 performance specification. The unique engineered formula increases component life in Caterpillar powershift transmissions, gearboxes and drive trains. The combined base oil and additive technology delivers protection to off-highway equipment in severe operating conditions. Torc Series M/S is a multi-season product designed for year-round use.

## PERFORMANCE FEATURES

- Exceptional transmission shifting
- Improved oxidation stability to provide better wear protection
- Minimizes clutch wear and brake chatter
- Greater load-carrying capacity
- Resists foaming when used in hydraulic applications
- Greater life of friction materials in powershift transmissions
- Reduces deposit buildup on major components
- M/S formula offers enhanced cold-weather performance

## APPLICATIONS

SONIC® TORC® SERIES IV protects the major components in Caterpillar powershift transmissions, gearboxes and drive trains. They are also recommended for wet brake mechanisms, differentials and final drives manufactured by Allison and Komatsu.

## TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

| PROPERTIES                      | TEST METHODS | SAE GRADE     |               |              |
|---------------------------------|--------------|---------------|---------------|--------------|
|                                 |              | 10W           | 30            | M/S (5W-30)  |
| Kinematic Viscosity cSt @ 40°C  | ASTM D445    | 37.1          | 88.0          | 58.0         |
| Kinematic Viscosity cSt @ 100°C | ASTM D445    | 6.2           | 10.7          | 10.6         |
| Viscosity Index                 | ASTM D2270   | 113           | 106           | 176          |
| Pour Point, °C                  | ASTM D97     | -42°          | -33°          | -48°         |
| Brookfield Viscosity cP @ °C    | ASTM D2983   | 39,500 @ -35° | 93,000 @ -25° | 5,440 @ -30° |

## PERFORMANCE SPECIFICATIONS

SONIC® TORC® SERIES IV is approved and/or recommended for use in the following:

| INDUSTRY/OEM | SPECIFICATIONS      |
|--------------|---------------------|
| ALLISON      | C-4                 |
| API          | CF-2                |
| CATERPILLAR  | TO-4/TO-2           |
| KOMATSU      | KES 07.868.1        |
| ZF           | TE-ML 03C/TE-ML 07F |

## MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at [coopconnection.ca](http://coopconnection.ca)

## PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

| PRODUCT SIZES | SAE GRADE |    |     |
|---------------|-----------|----|-----|
|               | 10W       | 30 | M/S |
| 1 L Bottle    |           |    |     |
| 5 L Bottle    |           |    |     |
| 10 L Bottle   |           |    |     |
| 20 L Pail     | ✓         | ✓  | ✓   |
| 110 L Drum    |           |    |     |
| 205 L Drum    | ✓         | ✓  | ✓   |
| 1000 L Tote   | ✓         | ✓  | ✓   |

## RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – [www.usedoilrecyclingsk.com](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
- British Columbia – [www.bcusedoil.com](http://www.bcusedoil.com)
- Manitoba – [www.usedoilrecycling.com/en/mb](http://www.usedoilrecycling.com/en/mb)

## CONTACT INFO

For more information on this or any other CO-OP® lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

[petroadmin@fcL.crs](mailto:petroadmin@fcL.crs) • [www.coopfuel.ca](http://www.coopfuel.ca) • [www.coopag.ca](http://www.coopag.ca)

SONIC® TORC® ®Registered trademarks of Federated Co-operatives Limited, Saskatoon S7K 3M9  
® CO-OP and the CO-OP logo are registered trademarks of TMC Distributing Ltd., Saskatoon S7K 3M9



**PREMIUM  
LUBRICANTS**