

## **DISCRIPTION**

**TURBO TORQUE LIFE 1** is a high-quality mono-grade heavy duty diesel engine oil formulated from selected mineral base oils and a balanced additive system to provide reliable protection against wear, oxidation, rust, and deposits in diesel engines operating under normal to severe conditions.

**TURBO TORQUE LIFE 1** is a heavy duty mono-grade diesel engine oil developed to meet the lubrication requirements of diesel engines operating in a wide range of on-highway, off-highway, industrial, and construction applications. It is formulated using high-quality mineral base oils and an advanced additive package that provides effective control of wear, oxidation, corrosion, and deposit formation.

This oil is particularly suitable for diesel engines operating on high-sulfur fuels and under demanding operating conditions where API CF performance is specified. Diesel API CF helps maintain engine cleanliness, supports stable performance at elevated temperatures, and contributes to extended engine service life. It is recommended for use in older diesel engine designs and applications where modern emission-control oils are not required.

## **APPLICATION**

**TURBO TORQUE LIFE 1** is recommended for use in:

- Light and heavy duty diesel engines
- Commercial vehicles and fleet operations
- Construction and earth-moving equipment
- Agricultural machinery
- Industrial diesel engines
- Diesel generators and stationary engines

## **BENEFITS**

- Provides effective protection against engine wear and corrosion
- Helps control oxidation and deposit formation
- Maintains engine cleanliness and reliability
- Suitable for operation with high-sulfur diesel fuel
- Offers good thermal stability under high operating temperatures
- Helps extend engine service life and reduce maintenance costs



## PRODUCT DATA SHEET



### Performance

| API         | CF       |
|-------------|----------|
| Caterpillar | CAT TO-2 |
| Allison     | C3-C-4   |

### AVAILABILITY

SAE Grades 10, 20, 30, 40, 50 and 60.

**Packaging:** 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

### Specification

| Test Parameter         | Units | Test Limits | Test Method  |
|------------------------|-------|-------------|--------------|
| SAE Grade              | -     | 60          | -            |
| Appearance             | -     | C&B         | Visual       |
| Density @ 15°C         | g/cm3 | 0.878       | ASTM D-4052  |
| Viscosity @ 40°C       | cSt   | 190         | ASTM D-445   |
| Viscosity @ 100°C      | cSt   | 21.9-26.1   | ASTM D-445   |
| Viscosity Index, min.  | -     | 110         | ASTM D- 2270 |
| Flash Point (COC),min. | °C    | 242         | ASTM D-92    |
| Pour Point, max.       | °C    | -18         | ASTM D-97    |
| Base Number,min.       | mg/gr | 8-10        | ASTM D-2896  |
| CODE                   | -     | 409/6       | -            |