

## Universal Diesel (CH-4, CI-4 ACEA E7) & Gasoline (SM, SN) Engine Oil Additive Package T32065

## Product Introduction

T32065 is the mainstream diesel engine oil additive package product. It provide high quality and stable performance for heavy duty diesel engine. The product contains optimized combination of dispersant, antioxidant, excellent detergent, and has excellent wear resistance, effective protection of the engine and prolong the oil service life.

| Recommended Dosage    |                       |
|-----------------------|-----------------------|
| API Performance Level | Treating Rate (mass%) |
| CI-4, ACEA E7         | 12.0%                 |
| CH-4                  | 10.0%                 |
| SN                    | 7.8% + 1.2% Booster   |
| SM                    | 7.8% + 0.6% Booster   |

• Product Quality Characteristics & Test Method

| Item                               | Typical Value            | Test Method       |
|------------------------------------|--------------------------|-------------------|
| Appearance                         | Red-brown viscous liquid | Visual Inspection |
| Kinematic Viscosity (100°C), mm2/s | Report                   | GB/T 265          |
| Flash Point (COC), °C              | >110                     | GB/T 3536         |
| Total Base Number, mgKOH/g         | 110                      | SH/T 0251         |
| N Content, m%                      | 0.75                     | ASTM D5185 (ICP)  |
| Zn Content, m%                     | 1.20                     | ASTM D5185 (ICP)  |
| Ca Content, m%                     | 3.75                     | ASTM D5185 (ICP)  |
| P Content, m%                      | 1.0                      | ASTM D5185 (ICP)  |

## Product Storage/Handling/Transportation/Package

The storage temperature should not exceed 50  $^{\circ}$ C, the loading/unloading and blending temperature should not exceed 60  $^{\circ}$ C. It is not flammable, not explosive, not corrosive, in the items of safety, environment protection, use, etc. It is same as normal petroleum product, with no special protection. Product package: The product is packed with 200 liters iron drum or according to user's requirement. Specific weight of delivery is subject to the actual filling weight.