EVOLVE LUBRICANTS, INC.

www.evolvelube.com

# EvoSyn™

## NON-PETROLEUM

## INDUSTRIAL - ENGINE OIL

## 10W-30

## Heavy Duty Diesel Engine Oil

## DESCRIPTION

EvoSyn™ Industrial Non-Petroleum Heavy Duty Diesel Engine Oils are advanced low friction 100% synthetic lubricants, specifically designed with renewable carbon negative base oils along with the latest in additive package technology. Advanced plant-based hydrocarbon molecule technology allows for the reduction of wear and heat, optimizing horsepower and torque, while maintaining engine cleaniness.

## APPLICATIONS AND PERFORMANCE CLAIMS

EvoSyn™ Industrial 10W-30 Non-Petroleum Heavy Duty Diesel Engine Oil meets and exceeds the following requirements:

- API CK-4
- ACEA E6
- ACEA E7
- ACEA E9
- Caterpillar ECF-3, ECF-2, TO-2
- Mack EOS-4.5, EO-O Premium Plus
- Volvo VDS-4.5, VDS-4, VDS-3
- Detroit Diesel 93K222/93K218/93K215
- Cummins CES 20081/20086/20092
- MB 228.31
- MAN 3575
- Renault Truck RLD-4, RLD-3, RLD-2
- Deutz DQC III-10LA

EvoSyn™ Industrial Non-Petroleum Heavy Duty Diesel Engine Oils outperform petrolem-based products in the ASTM D-4172 4-ball wear scar test, covering the determination of the load-carrying properties of lubricants. This allows for less wear and heat, and longer periods between oil change intervals.


Source - Published from www.synthetics.com

## TYPICAL CHARACTERISTICS

| | | |
|---|---|---|
| Specific Gravity @ 15.6°C (60°F) | ASTM D1298 | 0.845 |
| Cranking Viscosity cP @ °C | ASTM D5293 | 3,975 @ -25°C |
| Viscosity @ 40°C | ASTM D445 | 75.17 |
| Viscosity @ 100°C | ASTM D445 | 11.79 |
| Viscosity Index | ASTM D2270 | 152 |
| Flash Point, °C | ASTM D92 | 242°C |
| Pour Point, °C | ASTM D97 | -32°C |
| Total Base Number, mgKOH/g | ASTM D2896 | 9.8 |

The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.