

# THRIVE® Synthetic

## High Performance Diesel Engine Oil

### Description

**THRIVE® Synthetic Diesel Engine Oil** is a highly functional synthetic engine oil engineered for a wide range of applications. It is formulated to create a balanced package that helps extend equipment life and improve productivity. This oil is engineered for use in a wide range of on- and off-road applications and operating environments including over-the-road transport, construction, and agriculture.

**THRIVE® Synthetic Diesel Engine Oil** meets pre-2006 specifications for diesel engines (API CI-4+), gasoline engines (API SL), certain hydrostatic transmission and hydraulic systems and other applications where appropriate.

**THRIVE® Synthetic Diesel Engine Oil**'s superior viscosity index provides excellent all-temperature performance. The inherent capabilities of these fluids resist oxidation and fluid thickening in high-temperature service and have outstanding cold-temperature performance to improve cold starts and engine operability. The high dispersant/detergent additive package minimizes soot thickening and neutralizes acids.



### Features/Benefits

- High TBN**  
Extends oil life by neutralizing acids that enter the fluid.
- High Zinc and Phosphorus Content**  
Excellent anti-wear protection.
- Low Volatility**  
Limits oil consumption, reduces emissions.
- Formulated with Synthetic Base Oils**  
Improves oxidation resistance and cold temperature performance.
- High Dispersant Levels**  
Minimizes soot thickening.
- Shear Stable**  
Enhances viscosity retention.
- Seal Friendly**  
Prevents leaks and extends seal life.

Physical, Chemical & Performance Properties		
Product	10W40	15W50
Product Number	044	059
Viscosity @ 100°C, cSt	15.1	18.7
Viscosity @ 40°C cSt	99.6	131.7
Viscosity Index	160	160
CCS, cP	5830 (-25)	5701 (-20)
Density, lb/gal	7.176	7.184
Color	L4.5	L4.5
Flash Point, °C (°F) (COC)	228 (442)	234 (453)
Fire Point, °C (°F) (COC)	244 (471)	252 (486)
Pour Point, °C	-38 (-36)	-36 (-33)
TBN	11.0	11.0
Four Ball Wear Test 40 kg, 1200 rpm 75°C, 1 hr.	0.40	0.40