



DIESEL ENGINE OIL ACRO 445

Diesel Engine Oil Acro 445 is a high performance diesel engine that is highly recommended for both on and off highway applications. The robust additives delivers exceptional protection in the modern high output engines including those with Exhaust Gas Recirculation (EGR) as well as older engines operating on ether low or high sulfur fuels.

Blended from selected base stocks, Diesel Engine Oil Acro 445 is truly a universal heavy duty diesel oil meeting the stringent Global DHD-1 specification that brings the European ACEA standard and American API performance together for the first time. This means Diesel Engine Oil Acro 445 Turbo Diesel is simply the top player for both the modern North American engines and the top-tier West European engines.

Diesel Engine Oil Acro 445 is certified to meet Volvo VDS-3, Mack EO-N, Renault VI RLD-2 and Cummins CES 20081 specifications.

Diesel Engine Oil Acro 445 is also suitable for gasoline engine, benefitting mix fleet owners with a common inventory.

APPLICATIONS/ BENEFITS

- Minimizes oil consumption
- Neutralizes acids from high sulfur fuel
- Satisfying most diesel engine OEM oil demand
- Exceeds the highest API gasoline engine performance as well
- Particular suitable for the latest diesel engine equipped with EGR

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	TYPICAL RESULTS
SAE Viscosity Grade	15W40
Specific Gravity @ 15 °C	0.8757
Flash Point, °C	200
Pour Point, °C	-24
Kinematics Viscosity @ 40 °C (cSt)	108
Kinematics Viscosity @ 100 °C (cSt)	14.5
Viscosity Index	142
TBN(mgKOH/g)	9.72

PERFORMANCE STANDARDS

• API CI-4/SL

Available Packed Size: 18L and 200L