



# TRIAX FLEET ATLAS 15W-40

Premium Anti-Wear Diesel Engine Oil for Heavy Duty Off-Road Equipment

PRODUCT  
TECHNICAL  
SHEET



ORGANO-METALLIC  
MOLYBDENUM  
ENGINE PROTECTION

## Product Description

TRIAX FLEET ATLAS 15W-40 is a premium extreme anti-wear motor oil designed primarily for heavy duty off-road equipment in severe work conditions such as mining, quarrying, construction and off-road hauling. These applications place severe strain on the engine, drive train and especially motor oil. TRIAX FLEET ATLAS 15W-40 was designed with one thing in mind, provide the maximum anti-wear protection, contamination and viscosity control, prevent acid and corrosion. It is reinforced with supplemental anti-wear and stabilizing additives to help protect your machines in high load demanding conditions.

This product uses a unique mix of specially designed anti-wear additives, reinforced with Molybdenum Boron, Zinc and Phosphorous, together with premium mineral, high viscosity base oils for outstanding protection against wear and high load, high torque conditions and unsurpassed viscosity stability.

Designed for operating in severe, heavy load conditions using low (500ppm) or ultra low (15ppm) sulfur fuels such as in the USA or European Union.

## Product Performance

- ▶ Primarily designed for off-road construction equipment and their needs
- ▶ Superb protection heavy duty off road equipment engines
- ▶ Helps to prevent oil leaks and maintain compression
- ▶ Special Nitrogen detergents prevents the formation sludge & ash deposits
- ▶ Top of the line anti-wear and anti-corrosion additives for maximum protection
- ▶ Superior acidity and corrosion control, with inhibitor packs and very high TBN.
- ▶ Contains 60-160% more anti-wear additives than normal motor oils
- ▶ Exceptional stability and resistance to contamination
- ▶ Excellent viscosity stability in high temperature and high load conditions
- ▶ Superior film strength under high load and high shear conditions.

## Product Chemical Properties

Criteria	15W-40
Specific Gravity @ 60 F	.8821
Flash Point COC ASTMD 92 (°C)	226
Viscosity ASTMD 445	
cSt at 40°C	119
cSt at 100°C	14.4
Viscosity Index	143
CCS Vis, ASTM D 5293, cP at 'C	7725 @ -25 C
Pour Point, ASTM D97, 'C	-26
Sulfated Ash, ASTM D 874, %M 1.0	1.4
TBN (total base no., ASTM D2896)	14
Density	0.88
Zinc	1375 ppm
Molybenum ppm	120 ppm
Nitrogen	1150 ppm



## Packaging

55 US gal (208 Liters)  
5 US gal (18.2 Liters)

## Performance Specifications

- ▶ API CI-4 PLUS, CI-4/SL
- ▶ ACEA E5,E3, ACEA A2/B4
- ▶ MACK EO-M PREMIUM PLUS
- ▶ CUMMINS CES 20077, 20076, 20075, 20072, 20071
- ▶ Deutz DQC II and DQC III -2010
- ▶ VOLVO VDS-3, VDS-2
- ▶ CATERPILLAR ECF-1
- ▶ MAN 3275, M3277
- ▶ DAF H1, H2
- ▶ MB 228.0
- ▶ VW 501, 505
- ▶ Renault RLD-2, RXD
- ▶ SCANIA LDF-2, LDF

## Applications

This product is recommended for any application that calls for a 15W-40 API CI-4 motor oil or any of the specifications listed above. Its recommended for turbo-charged or supercharged diesel heavy duty diesel engines and gasoline engines requiring the API SL specification.

TRIAX FLEET ATLAS 15W-40 was primarily designed to protect for off-road heavy duty construction equipment high load, high temp extreme conditions while offering complete OEM requirements compatibility.

This product is not recommended for equipment requiring a low ash, CJ-4 lubricant post 2007 or Euro 5 European trucks.



Updated January, 2016