



## Vecton 10W-30 FA-4

Part Synthetic Diesel Engine Oil

### Description

**NEW CASTROL VECTON 10W-30 FA-4** with unique System Pro Technology™ is our latest technology heavy duty engine oil specifically engineered for fuel economy in selected 2017 and beyond model year diesel engines. It is targeted exclusively at the latest technology, low emission, low fuel consumption trucks and buses where API FA-4 is required.

#### MAIN BENEFITS:

CASTROL VECTON 10W-30 FA-4 delivers **1.5% Fuel Saving\*** and extended drain intervals of **up to 60,000 miles\*\***. Pumping oil around the engine creates drag which saps engine power and increases the consumption of diesel fuel. Castrol VECTON 10W-30 FA-4 with unique System Pro Technology™ has lower viscosity under high temperature and high shear forces which reduces drag and saves fuel, improving the productivity of the engine.

(\* In independent testing vs SAE 15W-40 CJ-4 oil using SAE J1321 test method for class 8 trucks)

(\*\*In combination with and following a proper oil analysis program.)

### Application

#### USER BENEFITS INCLUDE:

New technology developments in diesel engines have led to lower emissions in heavy duty vehicles. These technology advances result in increasing levels of torque within the engine, leading to higher pressures and temperatures. Castrol VECTON 10W-30 FA-4 with unique System Pro Technology™ adapts to increased pressure and temperature with its proven shear stability and oxidation performance:

- Excels under high pressure: engine combustion pressures are increasing, which puts increased pressure on key engine parts. Castrol VECTON 10W-30 FA-4 is formulated to hold its viscosity under high shear contacts to extend oil life
- Performs at high temperature: engine oil is subjected to areas of very high temperature in modern engines, causing oxidation and oil thickening. Castrol VECTON 10W-30 FA-4 is formulated to fight oxidation to extend oil life.

#### Specifications and Approvals

- API FA-4
- Cummins CES 20087
- DDC DFS 93K223

## Typical Characteristics

Name	Method	Units	Vecton 10W-30 FA-4
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	cSt	10.2
Viscosity, Kinematic 40C	ASTM D445	cSt	67
Viscosity Index	ASTM D2270		137
Ash, Sulphated	ASTM D874	% wt	1.0
Total Base Number, TBN	ASTM D2896	mg KOH/g	10
Pour Point	ASTM D97	°C	-42

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