

# VITALTECH 10W40 ULTRA

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This is a semi synthetic lubricant based on carefully selected highly refined base oils. This is a ultra high performance diesel (UHPD) engine oil that meets the highest performance standards for heavy trucks. This oil is not suitable for vehicles fitted with particulate filters.

### **APPLICATIONS**

Recommended for turbocharged and naturally aspirated diesel engines. Perfectly suitable for new as well as older diesel vehicles. Exceeds the demanding requirements of most U.S. and European manufacturers.

### **FEATURES**

Total engine protection: outstanding engine cleanliness and durability.

Fuel economy: lower fuel consumption and CO2 emissions.

Cold start: very good fluidity at low temperature.

## SPECIFICATION LEVEL

ACEA	E7-16	MAN	Approval M3277		
ACEA	E4-16	MB	Approval 228.5		
API	CI-4	MTU	Approval Oil Category 3		
CUMMINS	CES 20077	RENAULT	Approval RLD-2		
CUMMINS	CES 20078	RENAULT	RXD		
DEUTZ	DQC-III-10	VOLVO	Approval VDS-3		
MACK	Approval EO-N				

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.866
Kinematic viscosity at 40°C	ASTM D445	mm²/s	91.1
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.8
Viscosity index	ASTM D2270		153
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	12.5
Pour point	ASTM D6892	°C	-33
CCS viscosity at -25°C	ASTM D5293	mPa.s	6000
Sulfated Ash	ASTM D874	Mass %	1.43
Flash Point COC	ASTM D92	°C	230

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

