

## UNT EC-K

DMO

### Description

**Mineral Diesel Engine Oil formulated to meet heavy-duty oil API CK-4 criteria for heavy-duty-vehicles. This oil improves engine performance that are being addressed which includes oxidation stability, shear stability and aeration.**

This oil not only meets API credentials, but also is also designed to meet the latest original equipment manufacturers (OEMs) performance specifications in appropriate grades and base stocks - including Caterpillar, Cummins, Detroit Diesel, Mack, Renault, Volvo, Mercedes-Benz, MAN, and Ford. It also meets the self-certifying requirements of ACEA E11.

### Properties

- τ Better protect engines, minimizes oil consumption
- τ Satisfies most diesel engine OEM oil demands
- τ Hydrotreated base, inherent thermal-stability and anti-oxidation property
- τ Provides better fuel economy and reduces GHG emissions

### Technical Characteristics

Test Description	Method	Unit			
SAE Viscosity Grade	SAE J 300	-	<b>10W30</b>	<b>10W40</b>	<b>15W40</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.8750	0.8720	0.8770
Flash Point	ASTM D 92	°C	220	218	224
Pour Point	ASTM D 97	°C	-27	-30	-24
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	82.7	103.0	111.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.8	14.7	14.7
Viscosity Index	ASTM D 2270	-	135	148	136
TBN	ASTM D 2896	mgKOH/g	9.8	9.8	9.8

*“Your Reliable Lubrication Choice”*



## Specifications

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τ API	CK-4
τ API	SN IN SAE 10W40 & 15W40
τ ACEA	E11
τ ACEA	E7
τ ALLISON	TES 439 IN SAE 15W40
τ CATERPILLAR	ECF-3
τ CUMMINS	CES 20086
τ CUMMINS	CES 20081
τ DETROIT DIESEL	DFS 93K222
τ DETROIT DIESEL	DFS 93K218
τ DEUTZ	DQC III
τ FORD	WSS M2C171-F1
τ JASO	DH-2
τ MACK	EOS-4.5
τ MACK	EO-O PREMIUM PLUS
τ MACK	EO-N
τ MAN	M3775
τ MERCEDES BENZ	228.31
τ MTU	CATEGORY 2.1
τ RENAULT	RLD-4
τ VOLVO	VDS-4.5

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