



ULTIMATE EXPRESS

ULTIMATE EXPRESS is a high-performance heavy-duty diesel engine lubricant for on-highway and off-road equipment that need ultimate protection for their engines hence the name of the oil. Formulated and blended to the latest OEM approved technology available for engine durability, especially where exhaust gas recirculation (EGR), DPF (diesel particulate filters) and other emission systems may be in use.

ULTIMATE EXPRESS provides the potential for extended drain intervals up to 40,000 to 60,000km in conjunction with a carefully monitored oil analysis program at various intervals in accordance with their engine manufacturer regarding extended drain intervals.

NOTE: Extended drain intervals vary dependent on engine type, fuel quality and operating conditions.

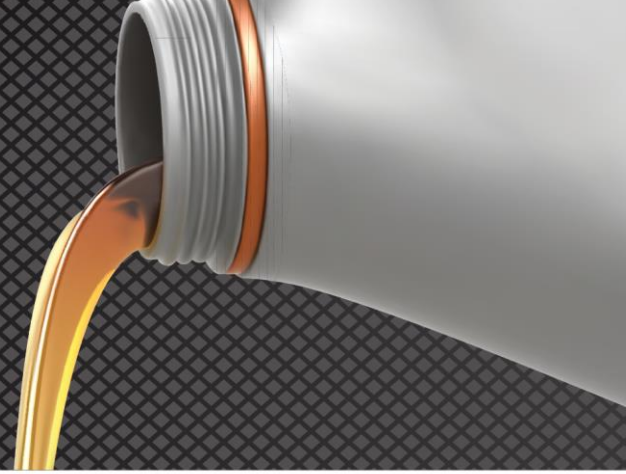
ULTIMATE EXPRESS is backward compatible with previous specifications CI-4 Plus, CI-4 and CH-4 lubricants and is suitable in a wide range of OEM engines such as Cummins, Caterpillar, Volvo, Mack and Mercedes meeting the latest US, European and Australian emissions requirements. It will also provide excellent protection for petrol engines in mixed fleet applications.

For tips on maintaining your truck please visit BLOGS on our website.

Product Benefits associated with CJ-4 technology include:

- Improved valve train protection
- Improved bearing protection
- Improved level of dispersancy
- Better soot related viscosity control
- Improved piston deposits
- Equivalent shear stability
- Emission protection
- Control of oil consumption
- Field proven performance
- Extended drain intervals
- Guaranteed quality assurance to consumers vehicles
- OEM approved technology





PRODUCT DATA SHEET

TYPICAL PROPERTIES

Density @ 15°C	0.869
Viscosity @ 40°C (cSt)	110
Viscosity @ 100°C (cSt)	15.2
Viscosity Index	145
Cold Crank Viscosity (cP @ -20°C)	5400
Closed Flash Point (°C)	227
HTHS (cP @ 150°C)	>4.0
Sulphated Ash (%mass)	1.0
Phosphorus (%mass)	0.12
Zinc (%mass)	0.13
Calcium (%mass)	0.11
Magnesium (%mass)	0.10
Molybdenum (%mass)	0.066
TBN	10

PERFORMANCE SPECIFICATIONS

API: CJ-4/SN Licensed

SAE: Viscosity 15W-40

ACEA: E9, E7

Caterpillar: ECF-3, ECF-2, ECF-1-A

Cummins: CES 20081

Detroit Diesel: PGSO 93K218

Deutz: DQC 111-10 LA

Global: DHD-1

JASO: DH-1, 2

MACK: EO-O Premium plus-07

MAN M: 3575, 3477, 3275

MB-Approval: 228.31

MTU: Type 2.1

Navistar

Renault: RLD-3

Volvo: VDS-4, VDS-3

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