

## MEDITRAN LE ULTIMATE SAE 15W-40 API CK-4

**Meditran LE Ultimate CK-4** is a premium heavy-duty diesel oil designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engine.

**Meditran LE Ultimate CK-4** is the most advanced HDDO lubricant designed by Pertamina for latest high power-density engine running in a severe condition requiring high performance lubricant.

**Meditran LE Ultimate CK-4** is backward compatible to previous diesel API specification.

TYPICAL CHARACTERISTICS		
Characteristic	Test Method	Meditran LE Ultimate CK-4
SAE Viscosity Grade	-	15W-40
Appearance	-	Clear
Density at 15 °C, kg/l	ASTM D - 4052	0.868
Kinematic Viscosity, at 40 °C, cSt	ASTM D - 445	106.2
	ASTM D - 445	14.51
Viscosity Index	ASTM D - 2270	141
Flash Point, °C	ASTM D - 92	238
Pour Point, °C	ASTM D- 5950	-30
Total Base Number, mg KOH/g	ASTM D - 2896	Min 10

### PERFORMANCE LEVEL

**MEDITRAN LE ULTIMATE CK-4** meets the performance level of:

- API CK-4/SN
- Cummins 20086
- Volvo VDS-4.5
- MB 228.31
- ACEA E9
- Renault RLD-4
- Mack EOS-4.5
- Caterpillar ECF-3
- Detroit Diesel 93K222
- Deutz DQC III-10 LA
- MTU Category 2.1
- MAN 3575

### SUPERIORITIES

- Provide optimum protection for control of catalyst poisoning and particulate filter blocking to increase after treatment system durability.
- Formulated to improve protection from wear, deposit and soot build up.
- Great oxidation stability, prevents sludge build up, and gives longer drain interval.
- Stable multigrade viscosity that gives optimum acceleration & engine protection during start up and high temperature operation.

### APPLICATION

**MEDITRAN LE ULTIMATE CK-4 CK-4** is formulated for use in all heavy-duty diesel applications (bus, truck, mining equipment, power generator) with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight) using after treatment systems such as Diesel Particulate Filters (DPFs) and Selective Catalytic Reduction (SCR).

### HEALTH AND SAFETY

Please contact our Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection at work.

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