

# BANGCHAK D3 TURBO PLUS

Premium Diesel Engine Lubricant



## MEET REQUIREMENT

### SAE 10W-30

o API CI-4/SL

### SAE 15W-40

- o API CI-4/SL
- o MB 228.3
- o ACEA E7-16
- o Volvo VDS-3
- o Cummins CES 20076, 20077
- o Caterpillar ECF-2/1A
- o Mack EO-N, EO-M, EO-M PLUS
- o Renault RLD-2
- o MAN M3275
- o MTU Category 2
- o Detroit DFS 93K215
- o Deutz DQC III-18



**BANGCHAK D3 TURBO PLUS** is a semi-synthetic heavy duty diesel engine oil for high performance vehicle such as sport utility vehicle (SUV), 4 wheels drive and new pick up yet in protection and bearing corrosion control technology with API CI-4. truck. It is the highest BANGCHAK D3 TURBO PLUS have many advantage of semi-synthetic oil and additives such as antiwear (protect engine), reduce soot (clean engine), etc.

\* Improve washing and cleaning properties to clean piston and piston ring to make highest power.

\* Special additive to protect valve wear, piston deposit and reduce soot to make engine clean.

## APPLICATION

For multipurpose and sport utility vehicle (MPV/SUV), 4-wheels drive (4WD), high performance diesel engine with direct injection (DI) and commonrail (CDI) systems, diesel engine equipped with turbo-charged and EGR systems. Furthermore, it is applicable for the vehicle which install LPG / NGV / CNG.

## TYPICAL INSPECTION

PROPERTIES	METHOD	BANGCHAK D3 TURBO PLUS	
		SAE 10W-30	SAE 15W-40
Appearance	Visual	Bright & Clear	Bright & Clear
Color	ASTM D1500	Report	Report
Density @ 15 °C, g/cm <sup>3</sup>	ASTM D1298	Report	Report
Flash Point (COC), °C	ASTM D92	215 Min	215 Min
Foam Test (Seq II), mL/mL	ASTM D892	50/0 Max	50/0 Max
Pour Point, °C	ASTM D97	-21 Max	-15 Max
Kinematic Viscosity @ 100 °C, cSt.	ASTM D445	11.5-12.5	14.0-15.0
Viscosity Index	ASTM D2270	135 Min	135 Min
Cold Cranking Simulator, cP	ASTM D5293	6600 Max, @ -25 °C	6600 Max, @ -25 °C
TBN, mg KOH/g	ASTM D2896	10.9 Min	8.8 Min

Packaging : 1 Litre, 6 Litre, 200 Litre

## FEATURES & BENEFITS



Engine Protection



Strong Oil Film



Heat Resistance



Prolong Engine Life



Superior Clean