

BANGCHAK D3 COMMONRAIL

Premium Lubricant for Diesel Vehicles



BANGCHAK D3 COMMONRAIL is the superior-quality lubricating oil formulated to exceed API CH-4/SJ the highest diesel engine lubricant standard. Formulated from selected quality basestock and outstanding additive. The benefits of BANGCHAK D3 COMMONRAIL include the following properties.

- Sustain engine durability even under severe application
- Highly control of wear and deposits that minimized maintenance cost
- High temperature stability and soot handling properties
- Optimum protection for oxidative and insoluble thickening
- Oil change is 10,000 KM instead of 7,000 KM in normal operating condition

MEET REQUIREMENT

SAE 15W-40

- o API CH-4/SJ o ACEA E7-16
- o MB 228.1 o Volvo VDS-3 o MTU 2.0
- o Caterpillar ECF-1a o Renault RLD-2
- o Deutz DQC-II, III o Mack EO-N
- o Cummins CES 20077 o MAN 3275

SAE 20W-50

- o API CH-4/SJ o ACEA E7-16
- o MB 228.1 o MAN 3275
- o Caterpillar ECF-1a

APPLICATION

BANGCHAK D3 COMMONRAIL is recommended for all heavy-duty diesel engines, pickup, off-road cars and diesel engine equipped with commonrail/turbo-charged and super-charged. Furthermore, it applicable for the vehicle which install LPG / NGV / CNG.

TYPICAL INSPECTION

PROPERTIES	METHOD	BANGCHAK D3 COMMONRAIL	
		SAE 15W-40	SAE 20W-50
Appearance	Visual	Bright & Clear	Bright & Clear
Color	ASTM D1500	Report	Report
Density @ 15 °C, g/cm ³	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	-15 Max	-15 Max
Kinematic Viscosity @ 100 °C, cSt.	ASTM D445	14.5-15.5	18.5-19.5
Viscosity Index	ASTM D2270	135 Min	125 Min
Water Content, %Vol	ASTM D95	NIL	NIL
Cold Cranking Simulator, cP	ASTM D5293	6600 Max, @ -20 °C	9100 Max, @ -15 °C
TBN, mg KOH/g	ASTM D2896	9 Min	8.5 Min

Packaging :

15W-40: 1 Litre, 6 Litres, 200 Litres

20W-50: 200 Litres

FEATURES & BENEFITS



Engine Protection



Heat Resistance



Superior Clean



Prolong Engine Life