

Lub-rref (Bangladesh) Limited

(An ISO 9001 : 2008 Certified Company)



PRODUCT DATA SHEET

Revision: 00

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BNO Diesel Super, API CJ-4/SN

Product Description:

BNO Diesel Super is a top performance multi-grade oil having the latest API credential API-CJ-4/SN which is formulated with only recommended base oils and additives to meet EPA 2010 compliant on-highway and Tier 4 nonroad diesel engines equipped with after treatment devices such as Diesel Oxidation Catalysts, Particulate Filters and Selective Catalytic Reduction system as well as previous model year diesel engines. It provides excellent detergency, dispersancy, anti wear properties, soot and deposit control. It is recommended for heavy-duty diesel engines operating in both on and off-highway services. BNO Diesel Super provides outstanding protection against oil thickening, high temperature engine deposits and sludge formation, oil degradation, corrosion.

Applications:

BNO Diesel Super CJ-4/SN is highly intended for use in modern turbocharged diesel engines. It meets or exceeds the requirements of most manufacturers of diesel and passenger cars, heavy-duty trucks, construction, mining, farming and high-speed marine engines. BNO Diesel Super is especially suited for engines where API CJ-4/SN oils are recommended.

Benefits: BNO Diesel Super CJ-4/SN is engineered to provide:

1. Exceptional control of soot related viscosity thickening
2. Unsurpassed protection against wear due to corrosion of bearing and cylinder liners
3. Exceptional protection of diesel and gasoline engine valve train components
4. The highest level of prevention against damaging deposits common in high temperature modern multi-cylinder diesel engines.

Typical Characteristics:

Test Description	Typical Results		Method
SAE Viscosity Grade and API Performance Level	15W-40/ API CJ-4	20W-50/ API CJ-4	SAE J300
ASTM Color	3.7	3.7	ASTM D 1500
Kinematic Viscosity at 40°C, cSt	103.2	175.0	ASTM D 7042
Kinematic Viscosity at 100°C, cSt	15.1	19.0	ASTM D 7042
Viscosity Index	153.0	130.5	ASTM D 7042
Density at 15°C, g/cm ³	0.869	0.887	ASTM D 7042
Pour Point, °C	Max. -24	Max. -21	ASTM D 97
COC Flash Point, °C	224	230	ASTM D 92
Sulphated Ash, wt%	0.87	0.87	ASTM D874
TBN, mg KOH/g	8.4	8.4	ASTM D 2893

Performance Standards:

- API CJ-4/CI-4 Plus/ CI-4/CH-4/SN/SM.

Health, Safety and Environment:

Based on available data collected from MSDS of ingredients used in the product, this product is not health hazardous. However, proper precautions should be taken to avoid long-term skin contact, exposure or accidental effect. Since it is a non-biodegradable product the used or waste oil should be recycled or disposed off in conformity to local disposal regulations to avoid environmental pollution.

[The information and figures given here are typical of current one which conforms to the specifications, minor variations which do not affect product performance may occur during manufacturing.]

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