

Lub-rref (Bangladesh) Limited

(An ISO 9001 : 2008 Certified Company)



PRODUCT DATA SHEET

Revision: 02

Date: 21-01-2013

BNO Heavy Duty Series

Product Description:

BNO Heavy Duty engine oils provide & deliver the latest development in lubrication oil technology which are made from good quality base stocks & additives yielding a lubricant of exacting quality such as detergent-dispersant, antioxidant, de-foaming, low temperature fluidity etc. It is a mono-grade product specially formulated for heavy-duty service in diesel engines found in both on-highway and off-highways vehicles and equipments. The dispersant minimizes sludge formation and effectively keeps particles in suspension to extend filter and engine life.

Applications:

BNO Heavy Duty Series are intended for use in non-turbocharged diesel engines. It is also recommended for use in over the road diesel trucks, heavy-duty construction equipments, oil field engine farm, vehicles and passenger diesel cars and 4-cycle engine running on gasoline.

Typical Characteristics:

Test Description	Method	Typical Results		
		BNO HD 30 SD/CC	BNO HD 40 SD/CC	BNO HD 50 SD/CC
SAE Viscosity Grade	SAE J300	30	40	50
ASTM Color	ASTM D 1500	< 2.0	< 2.5	< 2.5
Density at 15°C, g/cm ³	ASTM D7042	0.8790	0.8830	0.8866
Kinematic Viscosity at 40° C, cSt	ASTM D7042	110.0	145.0	195.0
Kinematic Viscosity at 100° C, cSt	ASTM D7042	12.0	14.5	18.8
Viscosity Index	ASTM D7042	101	100	108
Pour Point, °C	ASTM D97	-18	-15	-9
COC Flash Point, °C	ASTM D92	228	248	254
TBN, mg KOH/g	ASTM D2896	3.6	3.6	3.6
Sulphated Ash, wt%	ASTM D874	0.51	0.51	0.51

Performance Standards: API SD/CC

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.]

Head Office: B-6 (Part) 9-10, 23-24, BSCIC I/E, Block-A, P.O. Custom Academy, Sagarika Road, Chittagong- 4219. Bangladesh., Phone: 031-751995, 031-2770019, 031-2770036, Fax: 00880-31-751091., E-mail:info@lub-rref.com,Web:www.lub-rref.com.

Dhaka Office: Rupayan Trade Center, Space # 5 (7th Floor), 114 kazi Nazrul Islam Avenue, Dhaka, Bangladesh. Tel: +88-02-55138710, Fax: +88-02-55138711, E-mail: infodhk@lub-rref.com, web: www.lub-rref.com.