

# Lub-rref (Bangladesh) Limited

(An ISO 9001 : 2008 Certified Company)



## PRODUCT DATA SHEET

### BNO Gold 20W-50

#### Product Description:

BNO Gold 20W-50 is a special quality multi grade engine oil, suitable for more powerful gasoline and diesel engines and formulated from highest quality base oils that offers maximum high temperature protection. It contains unique low ash, enriched and improved detergent which reduces high temperature carbon deposits significantly, and decrease oil consumption in long run. The additive packages also disperse and neutralize harmful acid sludge formed during running.

BNO Gold 20W-50 enhances its performance at high temperature, now commonly encountered in today's more powerful diesel engines. With high viscosity index, BNO Gold 20W-50 gives better viscosity response towards temperature changes and therefore the engines can start much easier and oil can reach critical engine parts faster when the engine run.

#### Applications / Benefits:

BNO Gold 20W-50 is specially formulated to address the need of economic products that possesses strong performance for the often heavily loaded diesel engines. It is also recommended for the lubrication of gasoline and diesel engines in passenger cars, light duty trucks and vans.

#### Typical Characteristics:

| Test Description                                | Method     | Typical Results |
|---|------------|-----------------|
| SAE Viscosity Grade                             | SAE J300   | 20W-50          |
| ASTM Color                                      | ASTM D1500 | 2.0             |
| Density at 15 <sup>o</sup> C, g/cm <sup>3</sup> | ASTM D7042 | 0.8820          |
| Kinematic Viscosity at 40 <sup>o</sup> C, cSt   | ASTM D7042 | 175.0           |
| Kinematic Viscosity at 100 <sup>o</sup> C, cSt  | ASTM D7042 | 19.0            |
| Viscosity Index                                 | ASTM D7042 | 127             |
| Pour Point, <sup>o</sup> C                      | ASTM D97   | -21             |
| COC Flash Point, <sup>o</sup> C                 | ASTM D92   | 236             |
| TBN, mg KOH/gm                                  | ASTM D2896 | 10.2            |
| Sulphated Ash, wt%                              | ASTM D874  | 1.2             |

#### Performance Standards:

- API SG/CF

#### 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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