

PRODUCT DATA SHEET

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BNO Power Steering Fluid, 0W-30

(SAE 0W-30; Fully Synthetic)

Product Description:

BNO Power Steering Fluid is formulated from synthetic base fluid and selected additives to meet power steering fluid requirements. This fluid imparts antioxidation, anti-wear, dispersancy, defoaming and desired friction characteristics. Due to its high viscosity index and low pour point, it assures quiet and smooth operation of hydraulic equipment under extreme climatic conditions. It is a fluid with a low coefficient of friction thus permitting clutch plates to engage slowly and gradually during the transmission shifts. The fluid is compatible with seal materials, generally used in transmission systems.

Applications / Benefits:

- Prevents wear and prolongs power steering fluid pump life.
- Excellent low temperature flow properties for startup and cold weather use.
- High detergency keeps the operation area clean.
- Helps prevent seal leakage.
- Compatible with all petroleum-based power steering fluids.
- Excellent service fill fluid.
- Suitable for power steering systems, hydraulic applications and some manual transmissions where an automatic transmission fluid is specified.

Typical Characteristics:

Test Description	Method	Typical Results
SAE Viscosity Grade	SAE J300	0W-30
Kinematic Viscosity at 40°C, cSt	ASTM D7042	65.12
Kinematic Viscosity at 100°C, cSt	ASTM D7042	11.5
Viscosity Index	ASTM D7042	186.2
Density at 15°C, g/cm ³	ASTM D7042	0.8387
Pour Point, °C	ASTM D97	-55
COC Flash Point, °C	ASTM D92	240
TBN, mg KOH/g	ASTM D2896	9.80
CCS, (at -35°C), mPa	ASTM D5293	5324

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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