

PRODUCT DATA SHEET

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BNO Automotive Gear Oil

Product Description

BNO gear oils are formulated to meet the sole requirements of API GL-4 service for automotive applications. It is blended from selected base stocks and additives that yield a lubricant of demanding quality. This product contains foam suppressants as well as corrosion inhibitors, which are specially designed to protect bronze alloys. The result is a lubricant which resists the formation of varnish deposits on synchronizer components thus assuring long trouble-free operation.

Application / Benefits:

- ☐ Automotive gear applications.
- ☐ Superior thermal stability assures proper viscosity over wide temperature ranges.
- ☐ EP and anti-wear additives minimize metal-to-metal contact thereby extending useful life of power train components.

Typical Characteristics:

Test Parameters	Method	Typical Results		
		BNO Gear 80	BNO Gear 90	BNO Gear 140
SAE Viscosity Grade	SAE J306	80	90	140
ASTM Color	ASTM D 1500	< 3.0	< 3.0	<3.0
Density at 15°C, g/cm ³	ASTM D7042	0.8820	0.887	0.9200
Kinematic Viscosity at 40°C, cSt	ASTM D7042	87.90	170.0	460
Kinematic Viscosity at 100°C, cSt	ASTM D7042	10.47	17.0	30.0
Viscosity Index	ASTM D7042	100.9	100	99
Pour Point, °C	ASTM D97	Max. -15	-9	-6
COC Flash Point, °C	ASTM D92	Min. 210	Min. 230	Min. 240

Performance Standards: API GL-4

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 specifications, minor variations which do not affect product performance may occur during manufacturing.)

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