



PRODUCT SPECIFICATION DATA SHEET



SUPER PREMIUM SYNTHETIC AUTOMOTIVE ENGINE OILS (ZR-1)

Customer Benefits:

These high performance oils are designed to meet the latest car manufacturer's warranty requirements. Specifically formulated to meet the demands of the small displacement high RPM fuel-efficient engines found in today's domestic and foreign automobiles. These engines experience higher operating temperatures and require a motor oil which offers maximum protection against both viscosity and thermal breakdown.

These oils are a blend of the highest quality synthetics and special additives which protect against high temperature oxidation, wear, and viscosity breakdown. These oils are fortified with detergent dispersants, rust and corrosion inhibitors to keep engines exceptionally clean and free of sludge and varnish. Friction modifiers are added to ensure reduced friction between moving parts.

PERFORMANCE SPECIFICATIONS:

SAE GRADE	0W20	5W20	5W30	10W30
VISCOSITY, cST @ 40C	44.8	52.5	58.2	63.6
VISCOSITY, cST @ 100C	8.6	9.0	10.5	10.7
VISCOSITY INDEX	175	156	173	155
FLASH POINT, C	230	232	234	235
FIRE POINT, C	242	244	246	248
POUR POINT, C	-49	-45	-43	-40
APPEARANCE (VISUAL)	CLEAR AMBER	CLEAR AMBER	CLEAR AMBER	CLEAR AMBER
TBN (D-2896)	7	7	7	7

*NOTE: VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.

In order to continue to provide superior quality, BOSS LUBRICANTS reserves the right to change composition of its products without notice. For the location of the Distributor nearest you, please call 1-800-844-9457 or fax (403) 279-2272 #112, 6303 30th Street S.E. Calgary, AB T2C 1R4
Website: www.bosslubricants.com

Applications:

- Exceeds API Service Classification SM and ILSAC GF-4 and is recommended for domestic and foreign high performance engines-especially recommended for small, high RPM engines including those that are turbo charged
- Recommended for passenger cars, light duty pick ups, motorcycles and other gas engines in mobile and stationary service.
- Meets the automotive warranty requirements for GM 6094M, Chrysler MS-6395 N and Ford WSSM2C 929-A and WSS-M2C 9306-A.

*Not Recommended for heavy duty diesel critical truck engines.

Properties:

- Meets and exceeds U.S. car maker warranty requirements
- High oxidation stability protects engine from oil thickening, high temperature sludge and varnish deposits.
- Sheer stable viscosity index improvers protects against viscosity breakdown in severe service.
- Effective detergent-dispersants WSS keep engine parts clean.
- High TBN/alkaline reserve effectively neutralizes combustion formed corrosive acids to protect turbo bearings and other vital engine surfaces.
- ANTI-wear agents effectively protect cam lobes and other highly loaded parts from wear