



MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BOSS CD 50 Full Synthetic Transmission

CHEMICAL FORMULA: Mixture

CHEMICAL NAME: Lubricating Oil

CHEMICAL FAMILY: Hydrocarbon

Manufacturer:

BOSS Lubricants

6303 30 ST SE

Calgary, AB

T2C 1R4

PHONE: (800) 844-9457

FAX: (403-279-2272)

Date of Issue: February 13, 2015

Original Date: January 1, 2012

Section 2: COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENTAGES (by weight)	PEL (OSHA)	TLV (ACGIH)	CAS #
Proprietary Mixture	100%	N/A	5 mg/m ³ TWA (Oil Mist)	N/A

(TWA) - Time Weighted Average is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded.
(STEL) - Short Term Exposure Limit is the employee's 15-minute time weighted average exposure which shall not be exceeded at any time during a work day unless another time limit is specified.

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: (Eye Contact, Dermal, Inhalation.)

ACUTE EFFECTS OF OVER EXPOSURE:

Eyes: Contact with eyes may cause irritation.

Skin: Contact with skin may cause irritation.

Inhalation: May cause irritation of the nose and throat.

Ingestion: May cause nausea and vomiting. Large quantities may effect the central nervous system.

CHRONIC EFFECTS OF OVER EXPOSURE: No adverse effects anticipated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing dermatitis and respiratory conditions.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

Section 4: FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention.

Skin Contact: If the material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing, get medical attention immediately.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Red liquid	ODOR:	Mild odor
BOILING POINT:	N/D	SPECIFIC GRAVITY (water=1):	0.9000 - 0.9200
VAPOR PRESSURE:	<1 mm Hg 68° F	VAPOR DENSITY (air=1):	N/D
SOLUBLE IN WATER:	Insoluble	EVAPORATION RATE (ether=1):	<1
pH:	N/D		

Section 10: STABILITY AND REACTIVITY

STABILITY: Stable at room temperature and pressure. See handling and storage section

INCOMPATIBILITY:

CONDITIONS TO AVOID: See handling and storage section.

MATERIALS TO AVOID: Acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, carbon monoxide, aldehydes, hydrogen sulfide and alkyl mercaptans may be released. Under combustion conditions, oxides of the following elements will be formed: Magnesium, calcium, nitrogen, sulfur, carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF OVEREXPOSURE: Low oral and dermal toxicity. Prolonged or repeated exposure may cause irritation, nausea and vomiting.

Section 12: ECOLOGICAL INFORMATION

Note: BOSS LUBRICANTS has not conducted specific ecological tests on this product.

Section 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL PROCEDURES: Place contaminated materials in a disposable container and dispose of in accordance with Local, State and Federal environmental regulations.

Section 14: TRANSPORTATION

DOT PROPER SHIPPING NAME: N/A
 DOT IDENTIFICATION NUMBER: N/A

DOT HAZARD CLASS: N/A
 DOT EMER. RESPONSE GUIDE NO.: N/A

Section 15: REGULATORY INFORMATION

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

<u>CAS Number</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
None		

SARA SECTION 311-312 HAZARD CATEGORIES (40 CFR 370.2):

FIRE: No SUDDEN RELEASE OF PRESSURE: No REACTIVE: No ACUTE: No CHRONIC: No



Section 16: OTHER INFORMATION

Date: Feb 13, 2015

Supersedes: January 1, 2012

Reason for Issue: Expired

THE INFORMATION CONTAINED IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. IT DOES NOT COVER USE OF THAT MATERIAL IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PARTICULAR PROCESS. IN COMPLIANCE WITH 29 C.F.R. 1910.1200(g), BOSS LUBRICANTS HAS PREPARED THIS MSDS IN SEGMENTS, WITH THE INTENT THAT THOSE SEGMENTS BE READ TOGETHER AS A WHOLE WITHOUT TEXTUAL OMISSIONS OR ALTERATIONS. BOSS LUBRICANTS BELIEVES THE INFORMATION CONTAINED HEREIN TO BE ACCURATE, BUT MAKES NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESS OR IMPLIED, ABOUT THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION OR ABOUT THE FITNESS OF CONTENTS HEREIN FOR EITHER GENERAL OR PARTICULAR PURPOSES. PERSONS REVIEWING THIS MSDS SHOULD MAKE THEIR OWN DETERMINATION AS TO THE MATERIAL'S SUITABILITY AND COMPLETENESS FOR USE IN THEIR PARTICULAR APPLICATIONS.

Synthetic Manual Transmission & Transaxle Gear Lubricant

Hazard statements in full

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H360 May damage fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs (Gastro-intestinal tract, liver, immune system) through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H402 Harmful to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.