LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

THE LUBRI-LOY COMPANY
701 Market St, Ste 110 PMB 1025
Saint Louis, MO 63101
Phone 636-561-5007
LUBRILOY.COM

MATERIAL SAFETY DATA SHEET

TFS-D3

SYNTHETIC TRANSMISSION FLUID DEXRON III

LUBRI-LOY CATALOG #: TFS-D3, TFS-D3-640 **DATE ISSUED:** 5/30/13 **REPLACES ISSUE:** 3/30/09

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	**Lubri-Loy Synthetic Transmission Fluid Dexron III**
Lubri-Loy Catalog #'s	TFS-D3, TFS-D3-640
Date Issued	5/30/13
Replaces Issue	3/30/09
24-Hr. Emergency Phone	CHEMTREC 800-424-9300

II COMPOSITION, INFORMATION ON INGREDIENTS

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)
This product is not formulated to contain ingredients that have exposure limits exceeding those established by U.S. agencies. *See Section 8 for exposure limits.

HMIS

HEALTH	FLAMMABILITY	REACTIVITY
1	1	0

III HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

Eyes	Minor eye, inhalation and skin irritant.

*See Section 11 for toxicological information.

IV FIRST AID MEASURES

Eye Contact	Flush with water for 15 -20 minutes. Get medical attention if irritation persists.
Skin Contact	Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with product. Obtain medical advice if irritation occurs.
Inhalation	Move exposed persons to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. Get immediate medical attention.
Ingestion	Do NOT induce vomiting. If conscious, give 2 glasses of water. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

V FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE PROPERTIES:

Flash Point	442ºF (228ºC)
Method	CCO ASTM D-92

LFL/UFL	Not Determined
Auto-ignition Temperature	Not Determined
EXTINGUISHING MEDIA	Carbon dioxide, dry chemical, and alcohol foam.
FIREFIGHTING EQUIPMENT	Full bunker gear recommended including a positive pressure self-contained breathing apparatus.

VI ACCIDENTAL RELEASE MEASURES

Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent entry into sewers and waterways. Check under Transportation and labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

VII HANDLING AND STORAGE

Handling	Keep containers closed. Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue which may exhibit hazards of product.
Storage	Keep away from heat or flame.

VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION	Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
RESPIRATORY	Use a NIOSH approved respirator when necessary.
SKIN	Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.
EYE	Use splash goggles or face shield where splashing is expected or can occur.
EXPOSURE LIMITS	The Threshold Limit Value (TLV) of 5 mg/m3 is suggest for oil mist.

IX EXPOSURE CONTROLS AND PERSONAL PROTECTION

Coefficient of Water / Oil Distribution:	No Determined	**Odor:**	Mild, Bland, Hydrocarbon Odor
Physical State:	liquid	**Boiling Point/Range:**	No Determined
Vapor Density (Air=1)	Negligible	**Density:**	7.005
Volatility (Volume)	Negligible	**Solubility in Water:**	Negligible
Specific Gravity (Water=1):	0.8413	**Vapor Pressure:**	No Determined
Evaporation Rate:	No Determined	**V.O.C.**	Unknown
Viscosity, cSt @ 100ºC:	7.36	**Odor Threshold:**	No Determined
Viscosity, cSt @ 40`ºC:	35.46	**Appearance:**	Red Transparent Colored Liquid
Viscosity Index:	180	**Freezing/Melting Point:**	-51º F (-46º C)
pH:	Essentially Neutral		

X STABILITY AND REACTIVITY

STABILITY	Stable under moderately elevated temperatures and pressures.
INCOMPATIBILITY	Avoid contact with strong oxidants.
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION OF PRODUCT	Toxic oxides of carbon, aldehydes and other products of incomplete combustion.

XI TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE:	
Eye Irritation	Moderate to strong eye irritation. Based on data from components or similar material.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar material. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.
CHRONIC EXPOSURE:	
Chronic Toxicity	No data available to indicate product present at greater than 1.0% are chronic health hazards.
Carcinogenicity	No data available to indicate product present at greater than 0.1% are carcinogenic hazard.
Mutagenicity	No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.
Reproductive Toxicity	No data available to indicated product present at great than 1.0% present a reproductive hazard.
Teratogenicity	No data available to indicate product present at greater than 1.0% present a teratogenic hazards.
ADDITIONAL INFORMATION	Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter.

XII ECOLOGICAL INFORMATION

No data available on the adverse effects of this product on the environment.

XIII DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

XIV TRANSPORT INFORMATION

This product is not classified as hazardous material for DOT shipping. For further information relative to spills resulting from transportation incidents, refer to the latest DOT Emergency Guidebook for Hazardous Materials.

XV REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

U.S. Federal Regulations

OSHA Table Z	Synthetic Base Stock (mist)
TSCA	Not Applicable
CERCLA 40 CFR 302.4	Not Applicable

SARA TITLE III	
Section 302 Extremely Hazardous	Not Applicable
SECTION 311/312	
Fire Hazard	Yes
Reactive Hazard	No
Release of Pressure Hazard	No
Acute Health Hazard	Yes
Chronic Health Hazard	No

Section 313 Toxic Chemical	Not Applicable
U.S. STATE REGULATIONS	
California (Prop 65)	Does not contain chemicals known to the state of California to cause Cancer.
INTERNATIONAL REGULATIONS	
WHMIS	All components listed

XVI OTHER INFORMATION

The information and recommendations herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. Lubri-Loy does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety, environmental, and other necessary information is included on the container.