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

AGOS

LUBRI-LOY SYNTHETIC GEAR LUBE

GL-5, 75W-90 AND 75W-140

LUBRI-LOY CATALOG #: AGOS-7W9, AGOS-7W9-640, AGOS-7W140, AGOS-7W140-640 **DATE ISSUED:** 5/30/13

REPLACES ISSUE: New Issue

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	**Lubri-Loy Synthetic Gear Lube**
Intended Use	Gear Oil. Lubricant Grade(s): GL-5, 75W-90 and 75W-140
Lubri-Loy Catalog #'s	**AGOS-7W9, AGOS-7W9-640, AGOS-7W140, AGOS-7W140-640**
Chemical Family	Lubricating Oils; Hydrocarbon
Date Issued	5/30/13
Replaces Issue	New Issue
24-Hr. Emergency Phone	CHEMTREC 800-424-9300

II COMPOSITION, INFORMATION ON INGREDIENTS

Common Name	Synthetic hydrocarbon lubricating fluid.
Chemical Family	Petroleum hydrocarbon mixture

III HAZARD IDENTIFICATION

Emergency Overview:

The product contains no substances which at their given concentration are considered to be hazardous to health.

Appearance: Amber colored Liquid **Physical State:** Viscous liquid **Odor:** Mild petroleum odor, Mild sulfur odor

POTENTIAL HEALTH EFFECTS

Principle Routes of Exposure	Skin contact, ingestion, inhalation or injection

ACUTE TOXICITY

Eyes	Can be irritating to eyes. If contact occurs, flush with water for 30 minutes. Get medical attention if eye irritation persists.
Skin	Avoid excessive contact with skin. Always wash skin and soiled clothing with soap and water after exposure.
Inhalation	Remove exposed person to fresh air if adverse effects are observed.
Ingestion	Do not induce vomiting. Get medical attention

CHRONIC EFFECTS

Environmental Hazard	Always use proper personal protective equipment for petroleum based products if a spill occurs. Quarantine affected area. prevent spill from entry into sewers and waterways. Pick up free and residual liquid for proper disposal and/or recycling. Always follow proper local, state, and federal guidelines for cleanup and disposal for motor oil and other petroleum products.

IV FIRST AID MEASURES

General Advice	No hazards which require special first aid measures.
Eye Contact	Flush eyes for 30 minutes with water. Get medical attention if irritation persists.
Skin Contact	Wash off immediately with soap and plenty of water.
Inhalation	Move exposed persons to fresh air. Consult medical personal if breathing issues occur.
Ingestion	Do NOT induce vomiting. Consult a physician.

V FIRE-FIGHTING MEASURES

Flammable Properties	Material is not considered to be flammable or combustible due to the material's flash point being above 200 degrees F.
Suitable Extinguishing Media	Carbon dioxide (CO_2). Dry chemical. Foam. Water can be used to keep surrounding materials cool.
Large Fires	Contact emergency personnel.

EXPLOSION DATA:

NFPA	HEALTH HAZARD-	FLAMMABILITY-	STABILITY-	PHYSICAL AND CHEMICAL HAZARDS-

VI ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. Wash skin with soap and water if contact occurs. Launder soiled clothing. If spilled, take caution, as material can cause surfaces to become very slippery.
Methods for Containment	Cover with earth, sand, or other non-combustible material followed with plastic sheets to minimize spreading or contact with rain.
Methods for Cleaning Up	Excess liquid material can be collected using a scoop or shovel and stored for recycling or disposal. Prevent material from entering drains or waterways.

VII HANDLING AND STORAGE

Handling	Avoid contact with the skin and the eyes. Eye protection or face shield should be used if material is used under conditions that increase the chances of splattering. If contact is made, wash skin with soap and water. Launder soiled clothing. Maximum handling temperature is 70 degrees C (158 F). It is recommended to pump or transfer material at ambient temperature.
Storage	Keep away from heat and sources if ignition. Keep containers closed when not in use. Follow first aid measures if contact occurs, and spill procedures if spill occurs. For packaged material: Store in a cool dry area. For bulk material: Store in cool dry area. Always follow local, state, and federal guidelines for storage of material for amount stored.

VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated heavy paraffinic 647-42-54-7			
Petroleum distillates, hydrotreated light paraffinic 64742-55-8			
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4			

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection	If splashes are likely to occur, wear: Goggles. Eye/Face Protection.
Skin and Body Protection	Long sleeved clothing. Protective gloves can be worn, if material comes in contact with skin wash with soap and water.
Hygiene Measures	Remove and wash contaminated clothing before re-use.

IX EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance	Amber colored liquid
Odor	Mild petroleum odor, Mild sulfur odor
Physical State	Viscous liquid
Boiling Point/Range	No information available
Autoignition Temperature	No information available
Flammability Limits in Air	No information available
Explosion Limits	No information available
Solubility	No information available
Specific Gravity	0.86-0.87
Vapor Pressure	No information available
Evaporation Rate	No information available
Viscosity	Viscosity at 40C (ASTM D-445), cSt: 115.0-200.0 Viscosity at 100C (ASTM D-445), cSt: 17.0-28.0
Vapor Density	No information available

X STABILITY AND REACTIVITY

Stability	Stable under normal conditions

XI TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

CHEMICAL NAME	LD50 ORAL	LD50 ORAL	LC50 INHALATION
Petroleum distillates, hydrotreated heavy paraffinic	2000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.18 mg/L (Rat) 4 h
Petroleum distillates, hydrotreated light paraffinic	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.18 mg/L (Rat) 4 h
Petroleum distillates, solvent-refined heavy paraffinic	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.18 mg/L (Rat) 4 h

CHRONIC TOXICITY:

CHEMICAL NAME	SCGIH	IARC	NTP	OSHA
Petroleum distillates, hydrotreated heavy paraffinic		Group 1		x
Petroleum distillates, hydrotreated light paraffinic		Group 1		x

CHEMICAL NAME	SCGIH	IARC	NTP	OSHA
Petroleum distillates, solvent-refined heavy paraffinic		Group 1		x

XII ECOLOGICAL INFORMATION

CHEMICAL NAME	TOXICITY TO ALGAE	TOXICITY TO FISH	MICROTOX	DAPHNIA MAGNA (WATER FLEA)
Petroleum distillates, hydrotreated heavy paraffinic		LC50> 5000 mg/L Pimephales promelas 96 h		EC50> 1000 mg/L 48 h
Petroleum distillates, hydrotreated light paraffinic		LC50> 5000 mg/L Pimephales promelas 96 h		EC50> 1000 mg/L 48 h
Petroleum distillates, solvent-refined heavy paraffinic		LC50> 5000 mg/L Oncorthynchus mykiss 96 h		EC50> 1000 mg/L 48 h

XIII DISPOSAL CONSIDERATIONS

CHEMICAL NAME
Petroleum distillates, hydrotreated heavy paraffinic 647-42-54-7
Petroleum distillates, hydrotreated light paraffinic 64742-55-8
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4

CHEMICAL NAME	RCRA - HALOGENATED ORGANIC COMPOUNDS	RCRA - P SERIES WASTES	RCRA - F SERIES WASTES	RCRA - K SERIES WASTES
Petroleum distillates, hydrotreated heavy paraffinic 647-42-54-7				
Petroleum distillates, hydrotreated light paraffinic 64742-55-8				
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4				

XIV TRANSPORT INFORMATION

DOT	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated

XV REGULATORY INFORMATION

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories	No
Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CLEAN WATER ACT

CERCLA

U.S. STATE REGULATIONS

CHEMICAL NAME	MASSACHUSETTS	NEW JERSEY	PENNSYLVANIA	ILLINOIS	RHODE ISLAND
Petroleum distillates, hydrotreated heavy paraffinic	X				

INTERNATIONAL REGULATIONS

Mexico – Grade	No information available

CANADA

WHMIS Hazard Class	Not determined

XVI OTHER INFORMATION

NFPA	HMIS	PPE	TRANSPORT SYMBOL

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.