



SDS# 2027-E  
Product Code: HDPGO  
Date of Preparation: 10/02/17

## Safety Data Sheet

### SECTION 1 IDENTIFICATION

**Product Name:** Heavy Duty Full Synthetic Platinum Gear Oil

**Product Code:** HDPGO

**Product Use:** Gear Oil

**Restrictions on Use:** Use only as directed

**Manufacturer:**

Intercontinental Lubricants Corp./ Spectro Oils of America  
993 Federal Road  
Brookfield, CT 06804  
(203) 775-1291 Fax: (203) 775-8720

**Emergency Phone (Infotrac):** 1 (800) 535-5053 (US and Canada)  
1 (352) 323-3500 (International)

**SDS Date of Preparation:** 10/02/17

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:**

Physical	Health
Not Hazardous	Not Hazardous

**Label Elements:**

Not required

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Synthetic Base Oils	Proprietary	60-80%
Proprietary Additives	Proprietary	30-40%

The specific identity and/or exact percentage has been withheld as a trade secret.

### SECTION 4 EMERGENCY and FIRST AID PROCEDURES

**Eye Contact:** Flush eye with water. Get medical attention if irritation develops or persists.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists.

**Inhalation:** Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconsciousness person. Get medical attention.

**Most important symptoms/effects, acute and delayed:** May cause eye irritation. Prolonged skin contact may cause irritation. Excessive inhalation of vapor or mists may cause upper respiratory tract irritation and central nervous system effects. Swallowing may cause nausea, vomiting and diarrhea.

**Indication of immediate medical attention and special treatment, if necessary:** None required under normal conditions of use.

#### SECTION 5 FIRE and EXPLOSION HAZARD DATA

**Suitable extinguishing media:** Water spray or fog, foam, carbon dioxide, dry chemical.

**Specific hazards arising from the chemical:** At elevated temperatures containers may rupture. Use of large amounts of water may cause product to float and spread fire. Combustion may produce carbon oxides and hydrocarbon fragments.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective equipment. Wash thoroughly after handling.

**Environmental hazards:** Avoid release into the environment. Report spill as required by local and federal regulations.

**Methods and materials for containment and cleaning up:** Dike spill and collect into closable containers for disposal with an inert absorbent. Prevent entry in storm sewers and waterways.

#### SECTION 7 HANDLING and STORAGE

**Precautions for safe handling:** Avoid contact with eyes and prolonged contact with skin and clothing. Avoid breathing vapors and mists. Wash thoroughly after handling. Remove oil-soaked clothing and launder before re-use. Discard oil soaked shoes and other items that cannot be laundered.

**Conditions for safe storage, including any incompatibilities:** Store in a cool area away from oxidizing agents. Protect containers from physical damage.

Empty containers retain product residues. Do not cut, weld, braze, etc. on or near empty containers. Follow all SDS precautions in handling empty containers.

#### SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

##### Exposure Guidelines:

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>EXPOSURE LIMITS</u>
Synthetic Oils	Proprietary	5 mg/m <sup>3</sup> TWA Manufacturer
Proprietary Additives	Proprietary	None Established

**Appropriate engineering controls:** Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If exposures are excessive increased mechanical ventilation such as local exhaust may be required.

**Respiratory protection:** None needed under normal use conditions with adequate ventilation. If exposures are excessive, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. For higher concentrations a NIOSH approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin protection:** Rubber, neoprene or other impervious gloves are recommended where prolonged or repeated skin contact is likely.

**Eye protection:** Safety glasses or goggles if splashing is possible.

**Other:** Impervious apron, boots and other clothing are recommended if needed to avoid prolonged/repeated skin contact. Suitable washing facilities should be available.

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** Lime green liquid.

**Odor:** Mild petroleum odor.

<b>Odor threshold:</b> Not available	<b>pH:</b> Not available
<b>Melting point/Pourpoint:</b> 46°C / -50.8°F	<b>Boiling Point:</b> Not available
<b>Flash point:</b> 208°F / 97.7°C	<b>Evaporation rate:</b> Not available
<b>Flammability (solid, gas):</b> Not applicable	
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not available	<b>Vapor density:</b> Not available
<b>Relative density:</b> 0.87	<b>Solubility(ies):</b> Insoluble in water
<b>Partition coefficient: n-ctanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> 182cSt @ 40°C

## SECTION 10 STABILITY and REACTIVITY

**Reactivity:** This product is not expected to react.

**Chemical stability:** The product is stable.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Avoid excessive heat.

**Incompatible materials:** Avoid strong oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield carbon monoxide, carbon dioxide, and hydrocarbon fragments.

## SECTION 11 TOXICOLOGICAL INFORMATION

### Health Hazards:

**Inhalation:** Excessive inhalation of vapors or mists may cause upper respiratory tract irritation.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation or dryness.

**Eye Contact:** May cause mild irritation.

**Ingestion:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

**Chronic Effects of Overexposure:** No adverse chronic effects are expected.

**Mutagenicity:** This product is not expected to cause mutagenic activity.

**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.

**Carcinogenicity:** None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH or OSHA.

**Acute Toxicity Values:**

Synthetic Oils: Oral rat LD50 >5000 mg/kg; Dermal rabbit LD50 >2000 mg/kg;

Proprietary Additives: Oral rat LD50 >5000 mg/kg; Dermal rabbit LD50 >2000 mg/kg. Inhalation rat LC50 >5 mg/L

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Synthetic Oils: No data available

Proprietary Additives: No data available

**Persistence and degradability:** Synthetic oils are inherently biodegradable. Proprietary additives are biodegradable.

**Bioaccumulative potential:** Proprietary additives is not expected to bioaccumulate.

**Mobility in soil:** No data available

**Other adverse effects:** None known.

**SECTION 13: DISPOSAL INFORMATION**

**Waste Disposal Method:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

**SECTION 15: REGULATORY INFORMATION**

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 311 Hazard Classification:** Refer to Section 2 for OSHA Hazard Classification.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**California Proposition 65:** This product contains the following chemicals which are known to the State of California to cause cancer or reproductive toxicity: None

**International Chemical Inventories**

**Australia AICS:** All of the components are listed on the Australian Inventory of Chemical Substances.

**Canada DSL:** All of the components are listed on the Canadian Domestic Substances List.

**China:** All the components are listed on Inventory of Existing Chemical Substances in China.

**European EINECS:** All of the ingredients are listed on the EINECS inventory.

**Japan:** All the components are listed in the Japanese Existing and New Chemical Substances Inventory.

**Korea:** All the components are listed on the Korean Existing Chemical List.

**Philippines:** All the components are listed on the Philippine Inventory of Chemical and Chemical Substances inventory.

**US EPA Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

<b>SECTION 16: OTHER INFORMATION</b>
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**Revision Summary:**

8/15/14: Convert to GHS format. All section revised.

10/02/17: Header, Section 1 Emergency Phone Number, Section 15 SARA 311, WHMIS