



# Safety Data Sheet

Lyden Oil Company

Page 1 of 8

## PROGUARD Hi Mileage 5W-30 Motor Oil

SDS Number: 712013

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Hi Mileage 5W-30 Motor Oil  
Revision Date: 12/01/2015  
SDS Number: 712013  
Common Name: Heavy paraffinic oil/Synthetic base oils  
CAS Number: Blend  
Product Code: 712013  
Synonyms: SN/GF-5 passenger car motor oil

#### Company Identification:

*Manufactured for:*  
LYDEN OIL COMPANY  
3711 LeHarps Drive  
Youngstown, OH 44515

For Product Information: 1-330-792-1100  
For Emergencies: 1-800-424-9300  
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

### 2 HAZARDS IDENTIFICATION

Signal Word: **None**

Hazard Classes/Categories: None

Hazard Statement(s): None

Precaution Statement(s):  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.

## PROGUARD Hi Mileage 5W-30 Motor Oil

SDS Number: 712013

Other Hazard Statement(s):

Repeated exposure may cause skin dryness or cracking.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	0-100
Residual oils (petroleum), solvent refined	64742-01-4	0-100
Residual oils (petroleum), hydrotreated	64742-57-0	0-100
Residual oils (petroleum), solvent dewaxed	64742-62-7	0-100
Lubricating oils (petroleum), C>25, hydrotreated bright stock	72623-83-7	0-100
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	72623-87-1	0-40
	178603-64-0	0-45
Gas oils (petroleum), hydrocracked, C15-C30, branched and cyclic, high VI	178603-65-1	0-45
	178603-66-2	0-45
Gas oils (petroleum), hydrocracked, C20-C40, branched and cyclic, high VI	N/A	4-24
	64742-52-5	0-26
Gas oils (petroleum), hydrocracked, C25-C55, branched and cyclic, high VI	68649-42-3	0.25-1.5
Mineral Oil		
Petroleum distillates, hydrotreated heavy naphthenic		
Phosphorodithioic acid, O,O-di-C1-C14-alkyl esters, zinc salts		

*\*Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

### 4 FIRST AID MEASURES

Description of First Aid Measures:

Inhalation:

If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**PROGUARD Hi Mileage 5W-30 Motor Oil**

SDS Number: 712013

**Skin Contact:**

Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**Eye Contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult medical attention.

**Ingestion:**

Rinse mouth with water. If symptoms develop, obtain medical attention.

Symptoms and Effects, both acute and delayed:

No further relevant data available.

Recommended Actions:

Treat symptomatically. Call a doctor or poison control center for guidance.

**5 FIRE FIGHTING MEASURES**

Recommended Fire-Extinguishing Equipment:

Use dry powder, foam, or carbon dioxide fire extinguishers. Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.

Possible Hazards During a Fire:

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Recommendations to Firefighters:

No special measures required.

**PROGUARD Hi Mileage 5W-30 Motor Oil**

SDS Number: 712013

**6 ACCIDENTAL RELEASE MEASURES**

Personal Precautions:

Avoid contact with skin, eyes, and clothing.  
Keep away from sources of ignition.

Emergency Procedures:

Contain spilled material, collect in suitable and properly labeled containers.

Environmental Precautions:

Do not allow to reach sewage system or any water course.  
Do not allow to enter ground waters.

Cleanup Procedures:

Pick up excess with inert absorbant material.

**7 HANDLING AND STORAGE**

Handling Precautions:

Handle with care and avoid spillage on the floor.  
Do not cut, weld, drill, grind, braze, or solder container.

Storage Requirements:

Keep container tightly sealed.  
Keep away from sources of ignition.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits:

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

**PROGUARD Hi Mileage 5W-30 Motor Oil**

SDS Number: 712013

Personal Protective Equipment:

Wash hands before breaks and at the end of work.

Use safety glasses and gloves.

**9** PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Physical State:	Liquid
Odor:	Petroleum
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	246° C / 475° F
Boiling Range:	Data not available
Flash Point:	190° C / 380° F (COC Method)
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	<1 mmHg at 20° C
Vapor Density:	Data not available
Relative Density:	7.27 pounds per gallon at 60° F
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	10.5 mm <sup>2</sup> /sec (kinematic at 100° C)

**10** STABILITY AND REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

Extreme temperature, sparks, open flame, and direct sunlight.

**PROGUARD Hi Mileage 5W-30 Motor Oil**

SDS Number: 712013

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

No further relevant information available.

Decomposition Products:

Hazardous decomposition products are not expected to form.

**11 TOXICOLOGICAL INFORMATION**

Routes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

Repeated skin contact may cause dermatitis or an oil acne.

Measures of Toxicity:

No test data available.

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

**12 ECOLOGICAL INFORMATION**

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

**PROGUARD Hi Mileage 5W-30 Motor Oil**

SDS Number: 712013

**13 DISPOSAL CONSIDERATIONS**Disposal Methods:

Dispose of waste material in accordance with all local, state, and federal requirements.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Do not flush to surface waters or drains.

**14 TRANSPORT INFORMATION**UN Number: Data not availableUN Shipping Name: Data not availableTransport Hazard Class: Data not availablePacking Group: Data not availableEnvironmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available

Special Precautions:

Not regulated by DOT.

**15 REGULATORY INFORMATION**

This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.



# Safety Data Sheet

Lyden Oil Company

Page 8 of 8

## PROGUARD Hi Mileage 5W-30 Motor Oil

SDS Number: 712013

16

### OTHER INFORMATION

Last Revision Date: 12/01/2015

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