



Safety Data Sheet

Lyden Oil Company

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PROGUARD Hi Mileage 5W-20 Motor Oil

SDS Number: 712012

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Hi Mileage 5W-20 Motor Oil
Revision Date: 12/01/2015
SDS Number: 712012
Common Name: Heavy paraffinic oil/Synthetic base oils
CAS Number: Blend
Product Code: 712012
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.

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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.

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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.

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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).

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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:	7.20 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:	8.6 mm ² /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.

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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.

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13 DISPOSAL CONSIDERATIONSDisposal 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 INFORMATIONUN 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.



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OTHER INFORMATION

Last Revision Date: 12/01/2015

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