



Safety Data Sheet

Lyden Oil Company

Page 1 of 8

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD PREMIUM 10W-30 Engine Oil
Revision Date: 02/01/2017
SDS Number: 17901
Common Name: Heavy Duty Diesel Engine Oil
CAS Number: Blend
Product Code: 17901
Synonyms: API CK-4 Specification Engine Oil

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Road
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: Environmental, Hazards to the aquatic environment - Chronic, Category 3.

Hazard Statement(s): H412: Harmful to aquatic life with long lasting effects.

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

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

P103: Read label before use.
P273: Avoid release to the environment.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

Repeated exposure may cause skin dryness or cracking.

Contains Zinc compounds required to be reported per SARA Section 313. Contains < 1% Zn.

3 COMPOSITION / INFORMATION ON INGREDIENTSIngredients:

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	60-80
Additives	Proprietary	10-15
Zinc Alkyldithiophosphate	68649-42-3	<5

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

4 FIRST AID MEASURESDescription of First Aid Measures:

Inhalation:

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

Skin Contact:

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

Eye Contact:

Flush with water for several minutes. If effects occur, consult a physician.

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

Ingestion:

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

Symptoms and Effects, both acute and delayed:

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.

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:

Proper protective equipment including breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes.

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

Emergency Procedures:

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

Environmental Precautions:

Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Cleanup Procedures:

Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

7 HANDLING AND STORAGE

Handling Precautions:

Avoid prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Do not cut, weld, drill, grind, braze, or solder container. Keep away from sources of ignition.

Storage Requirements:

Keep container tightly closed and in a cool, well-ventilated area. Keep away from sources of ignition. Store locked up.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No data available.

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

Engineering Controls:

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

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:	Slight Hydrocarbon
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	Data not available
Boiling Range:	Data not available
Flash Point:	176.7° C / 350.1° F (TCC Method)
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	7.222 pounds per gallon at 60° F
Solubilities:	Negligible in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	12 mm ² /sec (kinematic at 100° C)

10 **STABILITY AND REACTIVITY**Stability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

Conditions to Avoid:

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

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:

Acute oral, dermal, and inhalation toxicity: low toxicity.

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

Ecological Effects:

Zinc Alkyldithiophosphate:

Acute EC50, 1 to 5 mg/L in Algae (96 hours exposure time).

Acute EC50, 1 to 1.5 mg/L in Crustaceans (48 hours exposure time).

Chronic LC50, 1 to 5 mg/L in Fish (96 hours exposure time).

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.



Safety Data Sheet

Lyden Oil Company

Page 8 of 8

PROGUARD PREMIUM 10W-30 Engine Oil

SDS Number: 17901

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.

16 OTHER INFORMATION

Last Revision Date: 02/01/2017

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