MATERIAL SAFETY DATA SHEET

Material Name: AZSTOL Gear Oil 140 GL5	**Document Number: WS/MSDS/GFPPI/2570**
Effective Date: 22/07/2026	**Total Pages: 11**

1. Identification of substance / Preparation and the company:

Product Name:	AZSTOL Gear Oil 140 GL5
Product Type:	Extreme Pressure (EP) Automotive Gear Lubricating Oil
Technical Description:	Mineral-based extreme pressure (EP) gear oil formulated with highly refined base oils and performance additives to provide excellent wear protection, oxidation stability and reliable lubrication for automotive gear systems.
Recommended Use:	Recommended for manual transmissions, differentials, hypoid gears and axles requiring API GL-5 performance. Suitable for automotive and industrial gear applications.
Company Name:	**GULF FIRST PETRO PRODUCTS INDIA PRIVATE LIMITED** **Registered Address:** No. 10/460A (Old No. 10/466C), Velur Road, Velakkode, Mundur P.O., Thrissur – 680541, Kerala, India **Contact Number:** +91 9847496699 **Email:** info.gulffirst@gmail.com / steephenvd@gmail.com
Emergency Contact Information:	**India:** In case of accidental exposure or emergency, seek immediate medical advice. Contact the nearest Poison Centre or medical facility if required.

2. Hazard Identification:

Emergency Overview: Amber coloured lubricating oil. Not classified as hazardous according to the Globally Harmonized System (GHS) under normal conditions of use. Prolonged or repeated skin contact may cause irritation. Oil mists generated during high-temperature operations may cause respiratory irritation. Avoid unnecessary contact with used oil.

GHS Classification: Not classified as hazardous according to GHS for the finished lubricant.

Signal Word: Not applicable.

Hazard Pictogram: No pictogram required.

Hazard Statements: No hazard statements applicable.

Precautionary Statements: Avoid prolonged or repeated skin contact. Avoid breathing oil mist or vapours generated at elevated temperatures. Wear suitable protective gloves during prolonged handling. Wash hands thoroughly after handling. Keep container tightly closed when not in use.

Other hazards: Oil spills may create slippery surfaces. Used lubricating oil may contain harmful contaminants generated during engine operation. Avoid release into the environment.

Chemical Composition:	CAS No:	Approximate % (w/w)
Mineral Base Oil (Group II/III)	Proprietary	88–92%
Sulphur-Phosphorus EP Additive Package	Proprietary	5–8%
Rust & Oxidation Inhibitors	Proprietary	1–2%

4. First Aid:

General:	If irritation or discomfort develops following exposure, seek medical attention. Show this Safety Data Sheet to the physician if required.
First aid after Inhalation:	Move the affected person to fresh air. If oil mist has been inhaled and symptoms persist, obtain medical attention.
First aid after Ingestion:	Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical attention if large quantities are swallowed.
First aid Skin contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
First aid Eye contact:	Immediately flush eyes with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Obtain medical attention if irritation persists.

5. Fire Fighting Measures:

Suitable extinguishing media:	Foam, dry chemical powder, carbon dioxide (CO_2) or water fog.
Unsuitable extinguishing media:	Do not use direct water jet as it may spread burning oil.
Protective equipment:	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing.
Special Hazards:	Combustible liquid. Heating or burning may produce carbon monoxide (CO), carbon dioxide (CO_2), smoke, aldehydes and other irritating combustion products. Closed containers exposed to fire may rupture due to pressure build-up.

6. Accidental Release Measure:

Personal Precautions:	Avoid contact with spilled oil. Wear suitable protective gloves and safety glasses. Ensure adequate ventilation. Oil spills may create slippery surfaces. Keep unnecessary personnel away from the spill area.
Environmental Precautions:	Prevent spilled oil from entering drains, sewers, surface water or soil. Contain the spill using suitable absorbent materials and dispose of waste in accordance with local regulations.

Methods and materials for containment and clean up:	Contain the spill with sand, earth or other inert absorbent material. Collect the absorbed material into suitable containers for disposal. Clean the contaminated area thoroughly, taking care as surfaces may remain slippery.
Reference to other sections:	Refer to Section 8 for personal protective equipment and Section 13 for disposal considerations.

7. Handling and Storage:

Precautions for safe handling:	Avoid prolonged or repeated skin contact. Avoid breathing oil mist or vapours generated at elevated temperatures. Wash hands thoroughly after handling. Do not eat, drink or smoke while using the product. Maintain good industrial hygiene practices.
Precaution for safe storage:	Store in tightly closed original containers in a cool, dry and well-ventilated area. Protect from direct sunlight, excessive heat, moisture and contamination.
Recommended storage temperature:	Store at ambient temperature. Avoid prolonged exposure above 50°C and protect from direct sunlight and freezing conditions.

8. Exposure Control and Personal Protection:

Engineering Controls:	Provide adequate ventilation, especially where oil mist may be generated during high-temperature operations.
Respiratory Protection:	Respiratory protection is normally not required. If oil mist is generated, use an appropriate organic vapour/oil mist respirator.
Hand Protection:	Wear oil-resistant protective gloves such as nitrile or neoprene during prolonged or repeated contact.
Eye Protection:	Wear safety glasses or chemical splash goggles to prevent oil splashes entering the eyes.
Skin and Body Protection:	Wear suitable protective clothing to minimize repeated skin contact with lubricating oil.
Hygiene Measures:	Wash hands thoroughly after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke while handling the product. Maintain good industrial hygiene practices.

9. Physical and Chemical Properties:

Appearance:	Amber to dark brown oily liquid
Physical State:	Liquid
Odor:	Characteristic petroleum oil odour.
Odor Threshold:	Not determined.

pH:	Not applicable (oil-based product)
Melting point:	Not available
Initial Boiling point:	>300°C (Base Oil)
Flash Point:	>220°C (COC, Approx.)
Evaporation Rate:	Slow
Flammability:	Combustible liquid; not classified as flammable under GHS.
Upper/lower explosive limits:	Not determined
Vapor Pressure:	Low
Vapor Density:	>1 (Air = 1)
Relative Density:	0.89–0.91 @15°C
Solubility:	Insoluble in water
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition Temperature:	>320°C (Approx.)
Decomposition Temperature:	

10. Stability and Reactivity:

Incompatible materials:

11. Toxicological Information:

Acute toxicity:	Based on available information, the finished product is not expected to present an acute health hazard under normal conditions of use. Prolonged or repeated exposure to used lubricating oil may present additional health risks.
Serious eye damage/eye irritation:	Direct contact with the product may cause mild transient eye irritation.
Skin corrosion/irritation:	Prolonged or repeated skin contact may cause mild skin irritation, dryness or dermatitis in susceptible individuals.
Respiratory or Skin Sensitization:	Oil mist generated at elevated temperatures may cause respiratory irritation. Skin sensitization is not expected under normal conditions of use.
Germ Cell Mutagenicity:	Not expected to present a mutagenic hazard based on available information.
Carcinogenicity:	This product is not expected to present a carcinogenic hazard under normal conditions of use. Used gear oil may contain harmful contaminants generated during service.
Reproductive Toxicity:	Not expected to cause reproductive toxicity.
Specific target organ toxicity - single exposure:	No known significant effects under normal conditions of use.
Specific target organ toxicity - repeated exposure:	Prolonged or repeated exposure to used lubricating oil may affect the skin.
Aspiration hazard:	Not classified as an aspiration hazard; however, ingestion followed by vomiting may result in aspiration into the lungs.

Potential Health Effects:

Inhalation: Inhalation of oil mist generated during high-temperature operations may cause irritation of the respiratory tract.

Skin Contact: Prolonged or repeated skin contact may cause irritation, dryness or dermatitis. Used gear oil should not remain in contact with the skin for prolonged periods.

Eye Contact: Direct contact may cause temporary irritation, redness and discomfort.

Ingestion: Swallowing may cause gastrointestinal discomfort including nausea and vomiting. Aspiration into the lungs during vomiting may result in chemical pneumonitis.

12. Ecological Information:

12.1	**Ecological Toxicity:** No specific ecological toxicity data are available for the finished product. Prevent uncontrolled release into the environment.
12.2	**Persistence and degradability:** Base oils are inherently biodegradable to a limited extent. Some additive components may not be readily biodegradable.
12.3	**Bioaccumulation Potential:** Significant bioaccumulation is not expected under normal environmental conditions.
12.4	**Mobility in Soil:** The product floats on water and is expected to have low mobility in soil due to its hydrophobic nature.
12.5	**Results of PBT and vPvB assessment:** Based on available information, this product does not contain substances classified as PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative).
12.6	**Other adverse effects:** Avoid discharge into drains, watercourses or soil. Large spills may cause environmental contamination.

13. Disposal Consideration:

Recommendations: Dispose of the product in accordance with applicable local, regional, and national waste management regulations. Avoid generating or releasing dust during disposal.	
Waste Treatment Methods:	Dispose of waste product, contaminated absorbents and packaging in accordance with applicable local, regional and national regulations. Used lubricating oil should be collected for recycling or disposal through an authorised waste management facility.
Packaging Disposal:	Empty containers may contain product residues. Dispose of containers in accordance with applicable regulations. Do not cut, weld or reuse contaminated containers.

Land Transport (DOT):-	
UN Number:	Not applicable
Proper Shipping Name:	Not regulated as dangerous goods.
Class:	Not applicable.
Packaging Group:	Not applicable
Air transport (IATA):-	
UN Number:	Not applicable
Proper Shipping Name:	Not regulated as dangerous goods.
Class:	Not applicable.
Packaging Group:	Not applicable
Sea Transport (IMO):-	
UN Number:	Not applicable
Proper Shipping Name:	Not regulated as dangerous goods.
Class:	Not applicable.
Packaging Group:	Not applicable

16. Other Information:

Date of Certification 22/07/2026

1st Surveillance due 21/07/2027

2nd Surveillance due

21/07/2028

Certificate Expiry 21/07/2029

Compliance Standard: This Safety Data Sheet (SDS) is prepared in accordance with the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals (Latest Revision).

Other Information

CAS: Chemical Abstracts Service

EC: European Commission

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: US National Institute for Occupational Safety and Health

OSHA: US Occupational Safety and Health Administration

TLV: Threshold Limit Value

TWA: Time Weighted

Average STEL: Short Term

Exposure Limit

LC50: Lethal Concentration, 50 percent

LD50: Lethal Dose, 50 percent

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

TSCA: Toxic Substances Control Act of USA

DSL: the Domestic Substances List of

Canada

NDSL: the Non-Domestic Substances List of Canada

Additional Information:
The information provided in this Safety Data Sheet is believed to be accurate and is given in good faith based on current knowledge. It is the responsibility of the user to ensure suitability of the product for their specific application and conditions of use.

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Regulatory Compliance Statement:
This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals.

Under normal conditions of handling and use, the product is not classified as hazardous and is not regulated as dangerous goods for transport under standard DOT, IATA, or IMO regulations.