

EP-0 GEAR GREASE #2

Black Grease | SKU: NMI0013

1. IDENTIFICATION:

Product identifier:

Product Name NMI EP-0 Gear Grease

Other means of identification:

Product code: NMI0013

Recommended use of the chemical and restrictions on use

Recommended use: Extreme Pressure (EP) gear and bearing lubricant

Restrictions on use: No information available

Details of the supplier of the safety data sheet

Supplier Address: New Mold Innovations
824 KY Hwy 356 South
Cynthiana, KY 41031
United States

Company Phone Number: (859) 302-1360

Emergency Contact: 911 (USA Only)

2. HAZARD IDENTIFICATION:

Classification

Not hazardous under OSHA 29 CFR 1910.1200

Signal Word:

None

Hazards not otherwise classified (HNOC)

May cause mild skin or eye irritation with prolonged exposure.

Precautionary Statements:

Wash hands after handling.

Avoid prolonged skin contact.

Use with adequate ventilation.

Date of last update:
9/25/26

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMPONENT	CAS NO.	PERCENTAGE
Mineral Oil (Highly Refined)	64742-52-5 / 64742-54-7	70–90%
Lithium Soap Thickener	Proprietary	5–15%
EP/AW Additive Package (non-moly)	Proprietary	1–10%
Antioxidants / Corrosion Inhibitors	Proprietary	<5%

Contains no molybdenum disulfide (MoS_2).

4. FIRST-AID MEASURES:**Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses if present.

Skin Contact:

Wash with soap and water. Seek medical attention if irritation develops.

Inhalation:

Move to fresh air if discomfort occurs.

Ingestion:

Do not induce vomiting. Seek medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES:**Suitable Extinguishing Media**

Foam, dry chemical, CO_2 .

Specific Hazards

Combustion may produce CO, CO_2 , and hydrocarbons.

Protective Equipment

Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Contain spill and collect mechanically.
Avoid entry into drains or waterways.
Dispose according to local regulations.

7. HANDLING AND STORAGE:

Store in closed containers away from extreme heat.
Avoid prolonged skin contact.
Keep away from strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**Engineering Controls:**

Normal ventilation is adequate.

Personal Protective Equipment:

Gloves: Recommended for prolonged contact.
Eye Protection: Safety glasses if splashing may occur.
Respiratory Protection: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PROPERTY	VALUE
Appearance	Black grease
Odor	Mild petroleum
NLGI Grade	#2
Dropping Point	~500°F (260°C)
Base Oil Viscosity @ 40°C	~220 cSt

Date of last update:
9/25/26

PROPERTY	VALUE
Base Oil Viscosity @ 100°C	~20 cSt
Water Washout	<5% @ 175°F
4-Ball Weld Load	≥ 315 kgf
Timken OK Load	60 lb

10. STABILITY AND REACTIVITY:

Stability:

Stable under normal conditions.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition:

CO, CO₂, hydrocarbons.

11. TOXICOLOGICAL INFORMATION:

Low toxicity expected.

Prolonged skin contact may cause irritation.

Not expected to cause sensitization.

12. ECOLOGICAL INFORMATION:

Not expected to be acutely toxic to aquatic life.

Avoid release into the environment.

13. DISPOSAL CONSIDERATIONS:

Dispose of waste and empty containers according to federal, state, and local regulations.

14. TRANSPORT INFORMATION:

DOT	Not regulated as a hazardous material.
IMDG	Not regulated.
IATA	Not regulated.

15. REGULATORY INFORMATION:

Not classified as hazardous under OSHA.
All components are listed on TSCA inventory.
No SARA 313 reportable ingredients.

16. OTHER INFORMATION:

Prepared by: New Mold Innovations Revision Date: 9/25/26

This SDS is intended to meet OSHA Hazard Communication requirements for nonhazardous lubricating grease products.