

ANTI-SEIZE ZINC COMPOUND ZINC BASED ANTI- SEIZE COMPOUND

Product Description

PETRELPLUS Anti-seize compound is a superior extreme high temperature anti-seize and extreme-pressure lubricant. It contains flake particles of ZINC and other additives in a special grease carrier found to enhance anti-seize performance. It is recommended for use where applications prohibit the presence of copper and nickel especially where resistance to corrosive acidic and caustic solutions is required.

It contains over 50% finely powdered high purity zinc. This is highly electric conductivity anti-seize compound.

This product has enough antioxidants so it is compatible with copper & brass.

A stable non-melting high temperature anti-seize compound formulated with a high concentration of pure ZINC powder in a special carrier with inhibitors to protect and lubricate.

Recommended Uses For

PETRELPLUS Anti-seize Compound is free from lead, copper and aluminum and does not carbonize at high temperature up to (482°F) 250°C. It is recommended for stainless steel applications above 200°C it performs well on similar and dissimilar metals. It provides rust, Corrosion protection while preventing seizing, galling, pitting, galvanic action and thread distortion. It is impervious to water and offers protection from steam acids, caustic and harsh chemicals. It is supplied ready to use to be applied by brush, swab, or hand or grease gun.

It can be used on Tool joints, Drill collars and other Rotary Shouldered connections.

Do not use on Oxygen lines or in atmospheres that have high content of Oxygen.

Typical Properties

PROPERTIES	Value
NLGI Grade ASTM D-1092	2
WORKED PENETRATION ASTM D-217	265 – 295
DROPPING POINT ASTM D-2265	NONE
RUST PREVENTION TO STAIN ASTM D-1743	1a
WATER WASH OUT (%) ASTM D – 1246	0.7
EXTREME PRESSURE TIMKEN OK LOAD Kg (Lbs.) ASTM D – 2509	50 + (110)
FOUR BALL WEAR SOLIDS ASTM D – 2266	0.4mm
OPERATING TEMPERATURE	250 °C
Electric Conductivity	Yes

Available Packs: 1, 5, 18 and 180 Kg.

Storage: Store the product in an unopened container in a dry location at 8 °C to 21 °C.

Shelf Life: 36 Months from manufacturing month.

* All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification.

Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

1. PRODUCT AND COMPANY IDENTIFICATION

Product ANTI-SEIZE ZINC COMPOUND
Supplier PETRELPLUS INC.

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 Call # +91 22 6216 7072
 (Monday to Friday)
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2. COMPOSITION

Base oil, Zinc and performance-based additives.

3. HAZARDS IDENTIFICATION

FIRE -Flammable at high temperature.

HEALTH

Eye contact -May cause mild irritation to the eyes upon direct contact.
 Skin contact -Prolonged contact may defat the skin or can cause dermatitis.
 Inhalation -hazards.
 Ingestion -Harmful if swallowed.

4. FIRST-AID MEASURES

Inhalation -Remove person to fresh air. Seek medical help if discomfort persists.
 Ingestion -Do not induce vomiting. Seek medical support.
 Skin Contact -Immediately flush skin with plenty of water for at least 15 minutes.
 Eye Contact -Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

5. FIRE-FIGHTING METHODS

Extinguishing media -Use dry chemical powder or carbon di – oxide or foam.
 Special protective equipment -Positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

Personal protection - Adequate ventilation, gloves, goggles, overalls and boots.
 Environmental precautions - Avoid entry into water courses.
 Clean up method - Absorb on inert material.

7. STORAGE AND HANDLING

Handling - Impervious gloves & eye protection ensure good ventilation. Keep away from source of ignition.
 Storage - Store in a cool & dry place.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection - Not required under normal conditions.
 Skin/hand protection - Impervious gloves, overalls, and boots.
 Eye protection - Use Goggles

9. TYPICAL PROPERTIES

NLGI - 2
 Texture - Smooth
 Electric Conductivity - Yes

10. STABILITY AND REACTIVITY

Stability - Stable
 Conditions to avoid - Excessive temperatures
 Materials to avoid - Strong oxidizers
 Hazardous decomposition products - Oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

- Skin contact - Possible irritation
- Eye contact - Possible irritation
- Inhalation - Not applicable
- Ingestion - Irritation. May cause lung damage.
- Long term effect - Not known

12. ECOLOGICAL INFORMATION

- Mobility - Mobile
- Degradation - Low
- Accumulation -Not expected
- Short- & Long-Term effect - Water pollutant

13. DISPOSAL CONSIDERATIONS

Dispose off according to local and national regulations.

14. TRANSPORT INFORMATION

- CPL - Not applicable
- IMO -Not applicable

15. REGULATORY INFORMATION

- Symbol(s) -Not applicable
- Phrase(s) - Not applicable
- Phrase(s) - Not applicable

16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: -Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.