



HARDAI ARMND ENGINEERING SOLUTIONS
DESIGN IN INDIA



MolyKul Grease

AERO-SPEC

<https://hardaiarmnd.com>
<https://molykul.com>



100% Made In India

Premium Extreme condition
Moly Grease lubrication



Molykul Aero-Spec

Molybdenum Disulfide Anti-Seize Grease Products, Aerospace Grade



AS EX NG2

1kg, 5Kg

Description

Anti-Seize with MoS₂ AP3 Lithium Grease for extreme conditions like aerospace and defense

INR 2100/ Kg



AS 600 NG2

1kg, 5Kg

Description

Anti-Seize with MoS₂ AP3 Lithium Grease for aerospace applications upto 650 Degree Celcius

INR 1500/ Kg

Designed for both mechanical and electromechanical assemblies, MolyKul Aero-Spec Grease ensures smooth and reliable operation even under extreme pressure and temperature conditions. The product is certified to contain a specific percentage of Molybdenum Disulfide Nano compound, adhering to stringent aerospace standards.

Density of MoS₂	4.9 g/cc
Melting point	2300°C
Min. Particle size	10 nano meter
Storage requirement	Dust free packing
Human consumption	Hazardous

Base Material	Lithium (NLGI2) (IS1448)
Grease Colour	Black
Copper Strip at 75°C for 24 Hrs	Negative
Kinematic viscosity in CST at 40 Deg C	Ranging from 120 to 150 (IS1448)
Temperature range	-60° C to 750° C (IS1448)

% Free Acidity/ Kg	0.054 (IS1448)
% Free Alkalinity/ Kg	0.03 (IS1448)
Heat Stability	No signs of Breakdown (IS1448)
% Water content by mass	0.8 (IS1448)
Property	Anti-Seize

Customer Feedback

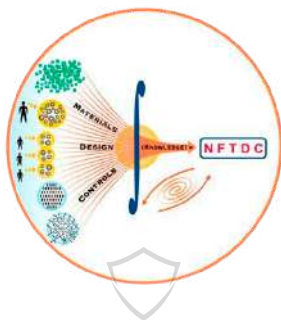


Indian Airforce

Bareilly Airforce Station

Description

Molybdenum Disulfide Synthetic Grease Manufactured by Hardai ARMND Engineering Solutions has been accepted by Bareilly Air Force



NFTDC, Hyderabad

Multi-Projects

Description

MoS2 Aer-Spec Grease prolongs the service time and best suitable for on ground testing facility at NFTDC Hyderabad.



Hindustan Aeronautics Limited

With Motion Engineering,, Aurangabad

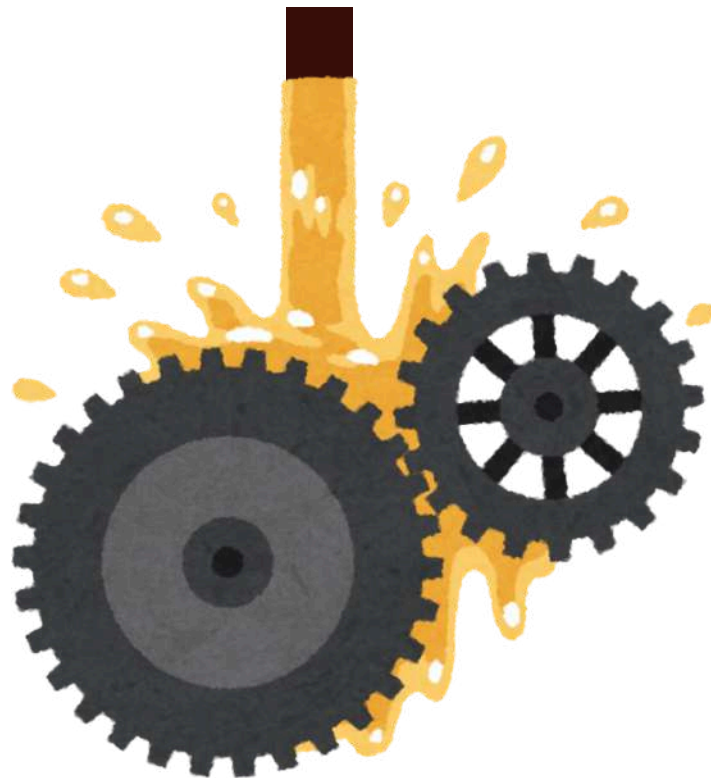
Description

MoS2 Aer-Spec Grease is under testing for electrical terminal block lubrication and insulation for aerospace extreme conditions

What is MoS₂ Anti-Seize ?

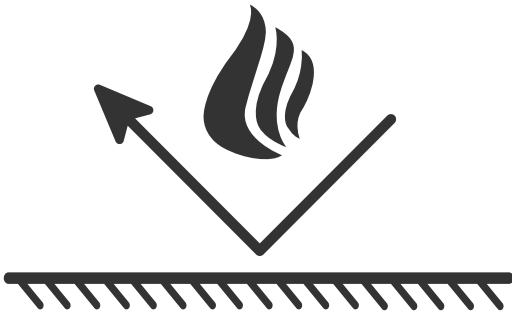
MoS₂ It consists of layers of a molybdenum atoms sandwiched between two layers of sulfur atoms, separated by weak Van der Waals force makes it easy to slide from each other hence, the Dry Lubrication.

Anti-seize Dry Lubricated Grease. Is a high-performance lubricant formulated with anti-seize properties and a dry lubricant additive. This innovative grease ensures that even if the base grease degrades or is squeezed out, the dry lubricant additive continues to provide effective lubrication.



Molykul properties

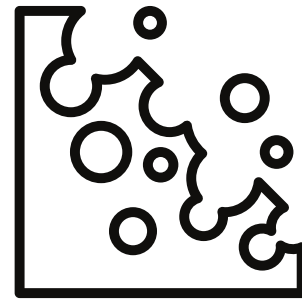
Core properties of MolyKul Aero-Spec Grease



Wide Temperature Range

Description

MoS₂ grease with high-temperature capacity exhibits exceptional heat resistance, maintaining its lubricating properties even under extreme temperatures.



Anti-Corrosion

Description

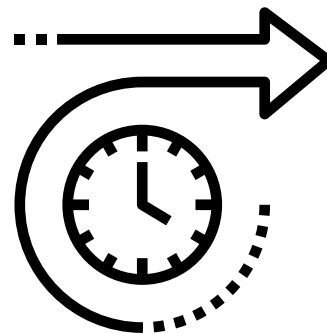
MoS₂ grease as an anti-contaminant demonstrates impressive corrosion resistance, safeguarding surfaces against degradation even in harsh environments.



Eco-Friendly

Description

MoS₂ grease is environmentally friendly, as it is free from harmful chemicals and compounds. Its use reduces the need for traditional lubricants.



Highly durable

Description

MoS₂ grease prolongs the lifespan of machinery and components by reducing friction and wear. Its durable nature ensures long-lasting protection against mechanical stress.



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