



JETEXINDIA

JETEX NS-369 PASTE

Nickle based Antisieze Compound

Technical Data Sheet

Nickel based high temperature anti seize compound meeting purity levels for nuclear power plant equipment

Benefits

- Extremely wide service temperature range from -30°C to +1427°C.
- Eliminates metal to metal contact and maintains lubrication qualities under wide variations of temperature and adverse operating conditions and prevents galling, hardening, fretting, seizure, stripping, cold-welding, sintering, fusion of threads, bolt breaking and distortion
- Enables faster and rapid assembly and non-destructive disassembly even after long term exposure to high temperatures and corrosive atmospheres
- Does not contain any ingredients that may poison reactor catalyst beds such as copper, lead, sulfurs, chlorides, halogens, silicones
- Highly resistant to hot & cold water, brine water, steam, humidity, moisture, dilute acids and alkalis, rust, corrosion and oxidation
- Safe to be used in the presence of ammonia, acetylene and vinyl monomers which are highly unstable in the presence of copper
- Low friction properties reduce wear and friction to increase life of the equipment
- Chemically inert and does not react with metals to cause pitting, and prevents intergranular or electrolytic corrosion of high strength ferrous or non-ferrous materials
- Extremely recommended for use on all high strength alloys, stainless steel and nickel alloys
- Meets purity levels for use in nuclear class hardware

Available Packaging

- 500 g (brushtop)
- 1 kg
- 5 kg

Shelf Life

24 months from date of manufacture in sealed condition.

Applications

- Primary applications for JETEX NS-369 is in Nuclear Power Plants, Steel Plants, Petrochemical & Fertilizer Units, Refineries for providing high temperature, extreme pressure, anti seize and anti corrosion lubrication for equipment as burner tips, furnace hinges, reactor bolts, studs, pipe fittings, threaded connections, flanges, pump fittings, unions.
- It can be used as a heavy duty anti seize thread compound for all high strength alloys, nickel alloys and stainless steel hardware or fittings to provide effective lubrication at high temperatures and prevent seizure.
- It can be safely used in the presence of ammonia, acetylene or vinyl monomers that are unstable in the presence of copper.

Method of Application

Clean and degrease the surface prior to application. Remove all coatings, greases, dirt, grime, loose rust and scales by means of a fine thin wire. Apply Nikkel Lube liberally by means of a stiff wire brush on to the surface and evenly right down to the roots of threads. Excessive compound provides a good sealing effect and need not be removed. Do not mix with conventional oils and greases.

JETEX INDUSTRIES

Registered Office: 101, MALWA, PATANWALA INDUSTRIAL ESTATE, LBS MARG, GHATKOPAR (W), MUMBAI-40086, INDIA.

www.jetexindia.com



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Technical Properties

Parameter	Value	Unit	Standard
Type	Solid lubricants, metal powders and additives in oil		
Appearance	Smooth homogenous paste		
Color ¹	Dark silver		
Penetration			
- worked	310-340	mm/10	ASTM 217
- unworked	290-320	mm/10	
NLGI class	1		DIN 51 818
Density, @ 25°C	1.3-1.4	g/cm ³	
Drop point	None	°C	ASTM D 566
Service temperatures ²	-30 to +1427	°C	
SKF-Emcor method	0 / 0		
Degree of corrosion	(no corrosion)		DIN 51 802
Water resistance, static evaluation	1-90		DIN 51 807 pt.1
Approvals / specifications/ special properties	Meets purity levels for nuclear class hardware		

1. Minor color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.

2. Solid lubricants maintain lubrication up to +1427°C