



JETEXINDIA

JETEX SWR-12 GREASE

Silicone Grease

Technical Data Sheet

Product Description

JETEX SWR-12 grease is based on a special highly heat stable silicone fluid and soap thickener along with additives to impart extreme pressure properties and prevent high temperature oxidation. This grease is capable of withstanding very high temperatures and maintains its consistency. It is inherently inert and possesses a high degree of shear stability and resistance to oxidation.

It does not dry out, harden or melt even after long-term exposure to high temperatures and has very good resistance to water, steam, humid environments and chemicals. It is very effective for lubrication of bearings under light to moderate loads and metal and plastic surfaces.

Benefits

- Extremely wide service temperature range of -40°C to +204°C
- Exceptionally good oxidation resistance
- High shear stability
- Does not thin out at high temperatures
- Stable, chemically inactive and inherently more inert than petroleum based products
- Resistant to ageing, water, moisture, steam, humidity and corrosive environments
- Non toxic and non staining
- Low evaporation and does not volatile at higher temperatures
- Safe for use on metal, plastic and rubber components (except those made of silicone)

Available Packaging

- 1 kg
- 5 kg
- 20 kg

Shelf Life

24 months from date of manufacture in sealed condition.

Applications

For lubrication of rolling element bearings operating under light to moderate loads as in oven fans, exhaust motors, kiln pre-heaters, oil burners, textile slashers and driers, conveyors, washing machines, air conditioners, domestic appliances, data processing equipment, aircraft engines, radiator cooling fans, electrical motors, vacuum machines and plastic components.

Method of Application

Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralised lubrication systems. Do not mix with other oils or grease.

JETEX INDUSTRIES

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www.jetexindia.com



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Technical Properties

Parameter	Value	Unit	Standard
Type	Silicone & special lithium soap based grease		
Appearance	Smooth grease		
Base oil	Silicone		
Thickener	Lithium		
Color ¹	Light tan		
Penetration, worked	265-295	mm/10	ASTM 217
NLGI Consistency	2	Class	DIN 51 818
Density, @ 25°C	0.95 - 1.05	g/cm ³	
Drop point	+210	°C	ASTM D 566
Service temperatures	-40 to +204	°C	
SKF-Emcor method	0/0		DIN 51 802
Degree of corrosion	No corrosion		
Water resistance, static evaluation	0-90		DIN 51 807 pt.1
Oil separation, standard test, 168 h, 40° C	Lesser than 5 %		DIN 51 817
Rubber seal compatibility test	Pass, no swelling		

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