



MFERS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

CHASSIS GREASE

Description:

Chassis Grease is smooth, homogeneous calcium soap grease formulated with highly refined petroleum oil, calcium soap and fortified with performance additives.

Key Features :

- ⇒ Smooth and homogeneous
- ⇒ Good load carrying ability

Applications :

Chassis Grease is recommended for lubrication of automotive chassis and other parts.

TYPICAL DATA

TEST	TEST METHOD	DATA
NLGI GRADE	-	2
Appearance	Visual	Smooth homogeneous
Color	Visual	Yellowish
Penetration, 60 strokes	ASTM D-217	265-295
Drop Point, deg C	ASTM D-566	90
Four Ball Weld Load, Kgs.	ASTM D-2596	200
Operating temperature range, deg C	-	-10 to 60

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

The data and information in this is based on our general experience and knowledge. It is given to reader for possible applications. It is the responsibility of the user to use the product safely

Standard Greases & Specialities Pvt. Ltd.

Manufacturers of Automotive Industrial Grease & Specialities

REGISTERED OFFICE : 101, Ketan Apartments, 233, R.B. Mehta Marg, Ghatkopar (E), Mumbai 400 077.(India) ' 2501 3641 • Fax : 2510 0384



MFERS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

LITHIUM GREASE AP

Description:

AP greases are high performance lithium greases formulated with highly refined petroleum oil and fortified with performance additives to give longer life and corrosion protection.

Key Features :

- ⇒ Excellent thermal and oxidation stability.
- ⇒ Superior protection against rust and corrosion.
- ⇒ Good resistance to water washout.
- ⇒ Extended bearing life.
- ⇒ Meets IS: 7623 specification.

Applications:

AP greases are multipurpose greases recommended for antifriction and plain bearings in industrial & automotive applications. They are widely used in steel plants, cement plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data		
NLGI GRADE	-	1	2	3
Appearance	Visual	Smooth homogeneous	Smooth homogeneous	Smooth homogeneous
Color	Visual	Light Yellow	Light Yellow	Light Yellow
Penetration, 60 strokes	ASTM D-217	310-340	265-295	220-250
After 100,000 strokes, difference in units	ASTM D-217	28	25	23
Drop Point, deg C	ASTM D-566	197	198	198
Copper strip corrosion	ASTM D-4048	1b	1b	1b
Leakage Tendency leakage in gms.	ASTM D-1263	4	3	2
Roll stability, % change after 2hrs.	ASTM D-1831	-	-	-
Water washout@80 deg C, %loss	ASTM D-1264	8	6	4
SKF Emscor test, rating	ASTM D-6138	0	0	0
Operating temperature range,deg C	-	-10 to 130	-10 to 130	-10 to 130

Health and Safety:

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OILS & SPECIALITIES

PRODUCT DATA SHEET

LITHIUM LONG LIFE GREASE

Description:

Lithium Long Life Grease is premium quality lithium grease formulated with highly refined petroleum oil and fortified with performance additives to give longer life and rust protection

Key Features :

- ⇒ Excellent thermal and oxidation stability
- ⇒ Superior protection against rust and corrosion
- ⇒ Good resistance to water washout
- ⇒ Extended bearing life

Applications:

Lithium Long Life grease is multipurpose grease recommended for antifriction bearings in automotive applications. It has established a relubrication frequency of more than 40,000 Kms. in heavy duty trucks and buses. It is also suitable for lubrication of antifriction bearings in steel plants, cement plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	3
Appearance	Visual	Smooth homogeneous
Color	Visual	Light Yellow
Penetration, 60 strokes	ASTM D-217	220-250
After 100,000 strokes, difference in units	ASTM D-217	20
Drop Point, deg C	ASTM D-566	198
Copper strip corrosion,rating	ASTM D-4048	1b
Leakage Tendency , leakage in gms.	ASTM D-1263	2
Roll stability, % change after 2hrs.		
Water washout@80 deg c, %loss	ASTM D-1264	4
SKF Emcor test, rating	ASTM D-6138	0
Operating temperature range	-	-10 to 130 deg C

Health and Safety:

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OILS & SPECIALITIES

PRODUCT DATA SHEET

LITHIUM MOLY GREASE

Description:

Lithium Moly greases are high performance, smooth, homogeneous greases formulated with highly refined petroleum oil and fortified with performance additives in addition to solid lubricant molybdenum disulfide.

Key Features:

- ⇒ Excellent EP properties to withstand heavy loads
- ⇒ Good water resistance
- ⇒ Extended bearing life

Applications:

Lithium moly greases are recommended for applications where heavy loads or shock loads are encountered such as wheel bearings of off highway vehicles. Also suitable for chassis fittings, universal joints in trucks and earth moving equipments.

TYPICAL DATA

Tests	Test Method	Data	
NLGI GRADE	-	3	2
Appearance	Visual	Smooth & homogeneous	
Color	Visual	Grayish black	
Penetration, 60 strokes	ASTM D-217	220-250	265-295
Drop Point, deg C	ASTM D-566	200	200
Copper strip corrosion	ASTM D-4048	1b	1b
Four Ball weld load, Kg.	ASTM D-2596	200	200
Water washout test,% loss	ASTM D-1264	5	5

Health and Safety:

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PRODUCT DATA SHEET

LITHIUM TRANSPARENT LONG LIFE GREASE

Description:

Lithium Transparent Long Life Grease is premium quality lithium complex grease formulated with highly refined petroleum oil and fortified with performance additives to give longer life and rust protection

Key Features :

- ⇒ Good high temperature properties
- ⇒ Excellent thermal and oxidation stability
- ⇒ Superior protection against rust and corrosion
- ⇒ Good resistance to water washout
- ⇒ Extended bearing life

Applications:

Lithium Transparent Long Life grease is multipurpose grease recommended for antifriction bearings in automotive and Industrial applications. It has established a relubrication frequency of more than 75,000 Kms. in heavy duty trucks and buses. It is also suitable for lubrication of antifriction bearings in steel plants, cement plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	3
Appearance	Visual	Smooth, homogeneous & Transparent
Color	Visual	Light Yellow
Penetration, 60 strokes	ASTM D-217	220-250
After 100,000 strokes, difference in units	ASTM D-217	15
Drop Point, deg C	ASTM D-566	230
Copper strip corrosion, rating	ASTM D-4048	1b
Leakage Tendency, leakage in gms.	ASTM D-1263	2
Roll stability, % change after 2hrs.	ASTM D-1831	3
Water washout@80 deg c, %loss	ASTM D-1264	4
SKF Emscor test, rating	ASTM D-6138	0
Operating temperature range	-	-10 to 150 deg C

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
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PRODUCT DATA SHEET

WHEEL BEARING GREASE

Description:

Wheel Bearing Grease is fibrous, homogeneous sodium soap grease formulated with highly refined petroleum oil and sodium soap.

Key Features:

- ⇒ Good fibrous structure

Applications:

Wheel bearing grease is recommended for lubrication of wheel bearings of automotive vehicles.

TYPICAL DATA

TEST	TEST METHOD	DATA
NLGI GRADE	-	2.5
Appearance	Visual	Smooth homogeneous
Color	Visual	Blackish gray
Penetration, 60 strokes	ASTM D-217	250-280
Drop Point, deg C	ASTM D-566	>180
Operating temperature range, deg C	-	-10 to 110

Health and Safety:

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PRODUCT DATA SHEET

ALUMINUM COMPLEX GREASE

Description:

Aluminum Complex Grease is high performance, smooth homogeneous buttery grease formulated with highly refined petroleum oil and fortified with performance additives.

Key Features :

- ⇒ High Drop Point
- ⇒ Good oxidation stability even at high temperature
- ⇒ Temperature reversibility
- ⇒ Good protection against rust and corrosion
- ⇒ Good pumpability and suitable in centralized lubrication system

Applications:

Aluminum complex grease is recommended for lubrication of bearings operating at high temperatures. The grease is very popular in steel plants where centralized systems are common. It can also be used in cement plants, power plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	2
Appearance	Visual	Smooth and buttery
Color	Visual	Brown
Penetration, 60 strokes	ASTM D-217	265-295
Drop Point, deg C	ASTM D-2265	260
Copper strip corrosion,rating	ASTM D-4048	1b
Four Ball weld load, Kg.	ASTM D-2596	315
Water washout test,% loss	ASTM D-1264	3.5

Health and Safety:

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

CALCIUM COMPLEX GREASE

Description:

Calcium Complex Grease is high performance, smooth, homogeneous greases formulated with highly refined petroleum oil and fortified with performance additives.

Key Features :

- ⇒ High water resistance & give excellent service in applications where water ingress is unavoidable.
- ⇒ High load carrying ability
- ⇒ Protection against rust and corrosion

Applications:

Calcium complex grease is recommended for lubrication of antifriction bearings operating at high temperatures and where water ingress is possible. It is popular in steel plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	2
Appearance	Visual	Smooth & homogeneous
Color	Visual	Light brown
Penetration, 60 strokes	ASTM D-217	265-295
Drop Point, deg C	ASTM D-2265	260
Copper strip corrosion	ASTM D-4048	1b
Four Ball weld load, Kg.	ASTM D-2596	250
Water washout test,% loss	ASTM D-1264	5

Health and Safety:

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OILS & SPECIALITIES

PRODUCT DATA SHEET

CALCIUM SULFONATE COMPLEX GREASE

Description:

Calcium Sulfonate Complex Grease is smooth, homogeneous grease formulated with highly refined petroleum oil, calcium complex soap and fortified with performance additives.

Key Features :

- ⇒ Excellent mechanical stability
- ⇒ Excellent water resistance
- ⇒ Superior protection against rust and corrosion

Applications:

Calcium complex grease is recommended for antifriction and plain bearings in industrial applications especially for high temperatures where high water resistance and EP grease is required. It is used in steel plants, power plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	2
Appearance	Visual	Smooth homogeneous
Color	Visual	Light Brown
Penetration, 60 strokes	ASTM D-217	265-295
After 100,000 strokes, difference in units	ASTM D-217	8
Drop Point, deg C	ASTM D-2265	300
Copper strip corrosion,rating	ASTM D-4048	1b
Water washout@80 deg C, %loss	ASTM D-1264	2
Four Ball Weld Load, Kgs.	ASTM D-2596	400
Operating temperature range, deg C	-	-10 to 170

Health and Safety:

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

CLAY BASE GREASE

Description:

Clay base greases are smooth, homogeneous non soap greases formulated with highly refined petroleum oil, organically modified clay and fortified with performance additives.

Key Features :

- ⇒ High drop point
- ⇒ Protection against rust and corrosion

Applications:

Clay base greases are recommended for lubrication of antifriction and plain bearings in industrial applications operating at high temperatures. They are used in steel plants, power plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data	
NLGI GRADE	-	2	3
Appearance	Visual	Smooth homogeneous	Smooth homogeneous
Color	Visual	Brown	Brown
Penetration, 60 strokes	ASTM D-217	265-295	220-250
Drop Point, deg C	ASTM D-2265	>280	>280
Operating temperature range, deg C	-	-10 to 160	-10 to 160

Health and Safety:

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OILS & SPECIALITIES

PRODUCT DATA SHEET

CLAY BASE MOLY GREASE

Description:

Clay Base Moly Grease is smooth, homogeneous non soap grease formulated with highly refined petroleum oil, organically modified clay and fortified with solid molybdenum disulfide powder as solid lubricant.

Key Features :

- ⇒ High drop point
- ⇒ Withstands high temperatures and high loads

Applications:

Clay Base Moly Grease is recommended for lubrication of antifriction and plain bearings in industrial applications operating at high temperatures and high loads. They are used in steel plants, power plants and other industrial applications.

TYPICAL DATA

TEST	TEST METHOD	DATA
NLGI GRADE	-	2
Appearance	Visual	Smooth homogeneous
Color	Visual	Blackish gray
Penetration, 60 strokes	ASTM D-217	265-295
Drop Point, deg C	ASTM D-2265	>280
Four Ball Weld Load, Kgs.	ASTM D-2596	200
Operating temperature range, deg C	-	-10 to 160

Health and Safety:

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PRODUCT DATA SHEET

LITHIUM CALCIUM GREASE

Description:

Lithium calcium grease is smooth, homogeneous grease formulated with highly refined petroleum oil, lithium calcium soap and fortified with performance additives.

Key Features :

- ⇒ Excellent mechanical stability
- ⇒ Excellent water resistance
- ⇒ Superior protection against rust and corrosion

Applications:

Lithium Calcium grease is recommended for antifriction and plain bearings in industrial applications especially where high water resistance and EP grease is required. It is used in steel plants, power plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	2
Appearance	Visual	Smooth homogeneous
Color	Visual	Light Brown
Penetration, 60 strokes	ASTM D-217	265-295
After 100,000 strokes, difference in units	ASTM D-217	23
Drop Point, deg C	ASTM D-566	191
Copper strip corrosion, rating	ASTM D-4048	1b
Water washout@80 deg C, %loss	ASTM D-1264	2
Four Ball Weld Load, Kgs.	ASTM D-2596	200
Operating temperature range, deg C	-	-10 to 120

Health and Safety:

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OILS & SPECIALITIES

PRODUCT DATA SHEET

LITHIUM COMPLEX GREASE

Description:

Lithium Complex series of greases are high performance, smooth homogeneous greases formulated with highly refined petroleum oil and fortified with anti oxidant, antirust and EP performance additives to give additional EP properties. They are available in different NLGI Grades and base oil viscosities.

Key Features :

- ⇒ Excellent EP and antiwear properties
- ⇒ High water resistance & give excellent service in applications where Water ingress is unavoidable.
- ⇒ Very good mechanical stability
- ⇒ Protection against rust and corrosion
- ⇒ Extended bearing life

Applications:

Lithium complex greases are recommended for lubrication of bearings under heavy loads and high temperatures. They are popular as steel plant greases. They can also be used in cement plants, power plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data		
NLGI GRADE	-	3	2	1
Appearance	Visual	Smooth & homogeneous		
Color	Visual	Brown		
Penetration, 60 strokes	ASTM D-217	220-250	265-295	310-340
Drop Point, deg C	ASTM D-2265	240	240	240
Copper strip corrosion	ASTM D-4048	1b	1b	1b
Four Ball weld load,Kg.	ASTM D-2596	250	250	250
Water washout test,% loss	ASTM D-1264	5	5	6

Health and Safety:

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LITHIUM EP GREASE

Description:

Lithium EP greases are high performance greases formulated with highly refined petroleum oil and fortified with performance additives to give additional Extreme Pressure (EP) properties.

Key Features :

- ⇒ High load carrying ability
- ⇒ Reduce wear
- ⇒ Protection against rust and corrosion
- ⇒ Extended bearing life

Applications:

Lithium EP greases are recommended for variety of applications encountering heavy loads or shock loads in plain /antifriction bearings, gears They are widely used in steel plants, cement plants and other industrial applications.

TYPICAL DATA

Tests	Test Method	Data				
NLGI GRADE	-	3	2	1	0	00
Appearance	Visual	Smooth & homogeneous				
Color	Visual	Brown				
Penetration, 60 strokes	ASTM D-217	220-250	265-295	310-340	355-385	400-430
Drop Point, deg C	ASTM D-566	196	195	190	-	-
Copper strip corrosion	ASTM D-4048	1b	1b	1b	1b	1b
Four Ball weld load, Kg.	ASTM D-2596	200	200	200	200	200
Operating temperature range, deg C	-	-10 to 130				

Health and Safety:

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POLYUREA GREASE

Description :

Polyurea Grease is smooth, homogeneous grease formulated with highly refined petroleum oil, polyurea thickener and fortified with performance additives.

Key Features :

- ⇒ Excellent high temperature capability
- ⇒ Superior oxidation stability leading to longer life
- ⇒ Very good water resistance
- ⇒ Superior protection against rust and corrosion

Applications:

Polyurea grease is recommended for antifriction and plain bearings in industrial applications especially in high temperatures applications. The grease is popular in packed-to-life applications because of its good oxidation stability and mechanical stability.

TYPICAL DATA

Tests	Test Method	Data
NLGI GRADE	-	2
Appearance	Visual	Smooth, homogeneous
Color	Visual	Light Brown
Penetration, 60 strokes	ASTM D-217	265-295
After 100,000 strokes, difference in units	ASTM D-217	30
Drop Point, deg C	ASTM D-2265	265
Copper strip corrosion	ASTM D-4048	1b
Water washout@80 deg C, %loss	ASTM D-1264	4
Four Ball Weld Load, Kgs.	ASTM D-2596	400
Operating temperature range, deg C	-	-10 to 160

Health and Safety:

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SYNTHETIC LITHIUM COMPLEX GREASE

Description :

Synthetic Lithium Complex greases are smooth, homogeneous high performance greases formulated with synthetic base oil and lithium complex soap. These are fortified with special performance additives. Synthetic base fluid give them excellent wide temperature properties. Lithium complex thickener provides excellent structural stability. These greases will lead to reduce wear and high energy savings by reduction in operating temperatures.

Key Features :

- ⇒ Excellent low temperature and high temperature properties
- ⇒ Excellent oxidation & thermal stability & leads to extended service life
- ⇒ Low coefficient of friction thereby reducing the energy consumption.

Applications:

Synthetic Lithium Complex greases are recommended for wide temperature applications where heavy loads or shock loads are encountered such as wheel bearings of off highway vehicles. Also suitable for chassis fittings, universal joints in trucks and earth moving equipments.

TYPICAL DATA

Tests	Test Method	Data	
NLGI GRADE	-	3	2
Appearance	Visual	Smooth & homogeneous	
Color	Visual	Off white	
Penetration, 60 strokes	ASTM D-217	220-250	265-295
Drop Point, deg C	ASTM D-2265	260	260
Copper strip corrosion,rating	ASTM D-4048	1b	1b
Four Ball weld load, Kg.	ASTM D-2596	250	250
Wear scar dia, mm	ASTM D-2266	0.6	0.6
Water washout test,% loss	ASTM D-1264	5	5
Low Temperature Torque, Starting Torque, gm.cm Running Torque, gm.cm	IP-186	4800 980	4500 960

Health and Safety:

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Standard Greases & Specialities Pvt. Ltd.

Manufacturers of Automotive Industrial Grease & Specialities

REGISTERED OFFICE : 101, Ketan Apartments, 233, R.B. Mehta Marg, Ghatkopar (E), Mumbai 400 077.(India) ' 2501 3641 • Fax : 2510 0384



MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

EXTREME PRESSURE FOOD GRADE GREASE

DESCRIPTION:

Extreme Pressure Grease is specially developed based on aluminum complex thickener and food grade white mineral oil and specially selected additives.

It is registered by INS(Class H1)for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ High load carrying capability
- ⇒ High drop point and can be used for higher operating temperatures
- ⇒ Good oxidation stability leading to longer life.
- ⇒ Very good rust protection.

APPLICATIONS:

Recommended for plain and anti-friction bearings in food processing industry for high load and high temperature applications. It can also be used through centralized lubrication systems.

TYPICAL CHARACTERISTICS

S.No.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and buttery
2	NLGI Grade	-	2
3	Thickener	-	Aluminum Complex
4	Color	Visual	Light brown
5	Penetration worked 60X	ASTM D-217	285
6	Drop Point ° C	ASTM D-2265	260
7	Copper Corrosion,rating	ASTM D-4048	1b
8	Water Washout, % wt	ASTM D-1264	3.5
9	4 Ball Weld load ,Kg	ASTM D-2596	315
10	4 Ball wear, scar dia mm	ASTM D-2266	0.5
11	Operating Temperature Range	-	-10 to150°C

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

GENERAL PURPOSE FOOD GRADE GREASE

DESCRIPTION:

General Purpose Water Resistance Food Grade Grease is specially developed for lubrication of food processing machinery where water ingress is unavoidable. It is based on calcium soap and specially selected food grade white mineral oil and selected performance additives.

General purpose grease is registered by InS Services (Class H1) for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ Excellent resistance to water and can be used in applications where water ingress is unavoidable.
- ⇒ Good oxidation stability leading to longer life.
- ⇒ Excellent protection against rust and corrosion

APPLICATIONS:

Recommended for all general purpose applications in food, beverages & packaging equipments for plain and anti-friction bearings.

TYPICAL CHARACTERISTICS

S. No.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and homogeneous
2	NLGI Grade	-	2
3	Color	Visual	Off White
4	Penetration worked 60 X	ASTM D-217	285
5	Drop point, °C	ASTM D-566	140
6	Copper corrosion, rating	ASTM D -4048	1b
7	Water washout@38 °C, % wt loss	ASTM D -1264	1.5
8	Operating Temperature range, °C	-	-10 to 100

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

HIGH TEMPERATURE FOOD GRADE GREASE

DESCRIPTION:

High Temperature Food Grade Grease is specially developed from selected organically modified clay thickener, food grade white mineral oil and specially selected additives

High Temperature grease is registered by InS (Class H1) for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ High drop point and can be used for high temperature applications preferably through centralized lubrication systems.
- ⇒ Good oxidation stability leading to longer life even at high temperature.

APPLICATIONS:

Recommended for plain and anti-friction bearings in food, beverages processing and packaging machinery for high temperature applications.

TYPICAL CHARACTERISTICS

S. No.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and homogeneous
2	Color	Visual	Brown
3	Thickener	-	Non Soap
4	NLGI Grade	-	2
5	Penetration worked 60 X	ASTM D-217	283
6	Drop Point, °C	ASTM D-2265	>280
7	Copper corrosion, rating	ASTM D -4048	1b
8	Water wash out, % wt	ASTM D-1264	4.7
9	Operating Temperature range, °C	-	-10 to 160

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

HIGH TEMPERATURE PLUS FOOD GRADE GREASE

DESCRIPTION:

High Temperature Plus Grease is specially developed based on aluminum complex thickener and highly refined white mineral oil and suitable additives.

This High temperature plus grease is registered by INS (Class H1) for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ High drop point can take care of higher operating temperatures.
- ⇒ Good oxidation stability leading to longer life.
- ⇒ Very good water resistance and protection against rust and corrosion.

APPLICATIONS:

Recommended for plain and anti-friction bearings in food, beverage processing & packing industry for high temperature applications. It can also be used through centralized lubrication systems.

TYPICAL CHARACTERISTICS

S.NO.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and buttery
2	NLGI Grade	-	2
3	Thickener	-	Aluminum Complex
4	Penetration worked 60X	ASTM D-217	283
5	Drop Point, °C	ASTM D- 2265	260
6	Copper Corrosion, rating	ASTM D-4048	1b
7	Water Washout @ 80° C (%) Loss .	ASTM D-1264	3.5
8	4 Ball Weld load ,Kg	ASTM D--2596	315
9	4 Ball wear, scar dia mm	ASTM D-2266	0.5
10	Operating Temperature Range	Internal	-10 to150°C

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

LOW TEMPERATURE FOOD GRADE GREASE

DESCRIPTION:

Low Temperature Grease is specially developed using calcium soap as thickener and selected white mineral oil and suitable additives to meet low temperature requirements.

It is registered by InS(Class H1)for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ Very good water resistance.
- ⇒ Good protection against rust and corrosion
- ⇒ Suitable for low temperature applications.

APPLICATIONS:

Recommended for plain and anti-friction bearings in food & beverage processing industry especially in low temperature applications. It can also be used through centralized lubrication systems.

TYPICAL CHARACTERISTICS

S.No.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and buttery
2	NLGI Grade	-	2
3	Thickener	-	Calcium soap
4	Color	Visual	Creamish
5	Penetration worked 60X	ASTM D-217	283
6	Drop Point °C	ASTM D-566	140
7	Copper Corrosion, rating	ASTM D-4048	1b
8	Operating Temperature Range	Internal	-20 to 70°C

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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Manufacturers of Automotive Industrial Grease & Specialities

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MFRS OF : AUTOMOTIVE & INDUSTRIAL GREASES,
OILS & SPECIALITIES

PRODUCT DATA SHEET

SYNTHETIC HIGH TEMPERATURE FOOD GRADE GREASE

DESCRIPTION:

Synthetic High Temperature Grease is developed based on organically modified clay thickener and specially selected synthetic oil and suitable additives.

This is registered by InS (Class H1) for use in food processing machinery where incidental food contact is possible.

KEY FEATURES :

- ⇒ High drop point and can be used for wide temperature applications.
- ⇒ Good oxidation stability leading to longer life.

APPLICATIONS:

Recommended for plain and anti-friction bearings in food, beverages processing and packaging industry for wide temperature applications.

TYPICAL CHARACTERISTICS

S.No.	Characteristics	Test Method	Data
1	Appearance	Visual	Smooth and homogeneous
2	Color	Visual	Brown
3	Thickener	-	Non Soap
4	NLGI Grade	-	2
5	Penetration worked 60X	ASTM D-217	284
6	Drop Point, °C	ASTM D2265	>280
7	Copper corrosion, rating	ASTM D -4048	1b
8	Water wash out, % wt	ASTM D-1264	4.3
9	Operating Temperature range, °C	-	-20 to 180

Health and Safety:

Based on the information available, this product is not likely to pose any adverse effects on health provided it is used as per the recommendation. For more information refer MSDS. For disposal, check local regulations and take care to protect the environment.

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