



+971 52 452 6277 
virgolubes@gmail.com
Industrial Area 2,
Ajman-U.A.E

TECHNICAL DATA SHEET

VIRGO MP Grease Lithium Base

VIRGO MP Lithium Grease is a series of high quality, lithium hydroxy stearate grease, with oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces. It is recommended for all grease-lubricated parts in automotive applications.

Designed to Perform

Oxidation Resistance – VIRGO MP Grease series provides a good oxidation stability that reduced engine deposits and sludge build up, the advance anti-oxidant additive present slows down the grease degradation ensuring longer maintenance intervals.

High Dropping Point Properties – Good Heat Resistance and Thermal stability structure. VIRGO MP Grease withstand heat required for MP Greases, therefore it can be use in a wide range of temperature operation.

Excellent Shear Stability – Long Engine Life VIRGO MP Grease series, maintains grease consistency even at high load of mechanical worked in between wearing surfaces protecting and prevent mechanical breakdown.

Performance Characteristics

VIRGO MP Lithium Grease is a series of high quality, lithium hydroxy stearate grease, blended with oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces. It has a High oxidation and good structure stability, suitable for both antifriction and plain Bearings, Linkages, Suspensions and other Grease Application points of vehicles operating under normal service conditions.

These greases are for use in plain and rolling bearings of all types and in all kinds of machinery- including electrical motors, machine tools, textile, paper making and wood working machines and construction equipment –where the continuous operating temperatures are within the specified limits. These greases can be used at higher temperatures of up to 180°C for short duration or with frequent replacement.



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Typical Physical Characteristics

Property	Temp	Units	Test Methods	Lithium Grease				
NLGI Classification				00	0	1	2	3
Thickener				Lithium	Lithium	Lithium	Lithium	Lithium
Texture				Smooth	Smooth	Smooth	Smooth	Smooth
Color			Visual	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Dropping Point			ASTM D566	180 - 190	180 - 190	180 - 190	180 - 190	180 - 190
Worked Penetration	@ 25°C		ASTM D217	400 - 430	355-385	310-340	265-295	220-250
Water washout resistance		% wt	ASTM D 1264	< 5	< 5	< 5	< 5	< 5
Copper Strip Corrosion for 24hrs	@ 100°C		ASTM D 4048	Pass	Pass	Pass	Pass	Pass

These characteristics are typical of current product methods whilst future production will conform to VIRGO Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Protect the Environment

- Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information

- Technical advice on any applications not covered here may be obtained from your VIRGO Lubricants Representative.