

Balmerol[®] Maxitrac Grease

High Performance Tractor Grease

Technical Data Sheet

Product Description:

Balmerol Maxitrac Grease is a superior quality, lithium based grease having good thermal and structural stability along with good resistance to water wash out. The combination of high quality basestock with synergistic blend of antioxidants, rust inhibitors and water resistant additives make the grease suited to a wide range of applications. It is especially designed for use in Tractor Industry for lubrication of wheel bearings and chassis points of Farm Tractors.

Features & Benefits:

- Good water and corrosion resistance property, leading to better equipment protection
- Good shear stability, provides extended re-lubrication interval
- Good high temperature performance

Applications / Recommendations:

Balmerol Maxitrac Grease is especially recommended for wheel bearings and chassis points in Farm Tractors due to its excellent water resistance and shear stability. Balmerol Maxitrac Grease is also recommended for multipurpose automotive applications such as wheel bearings, chassis points, water pump bearings, machine tools as well as grease lubricated gears, couplings and universal joints.

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Typical Properties:

Balmerol Maxitrac Grease

SI No	Characteristics	Balmerol Maxitrac Specification	Test Method
1	Type of Thickener	Lithium	
2	Work Penetration 60 /60 strokes @ 25°C	240 -260	ASTM D217
3	Free organic acidity (as oleic acid) percent by mass, Max	0.2	ASTM D128
4	Free alkalinity (as LiOH) percent by mass, Max	0.2	ASTM D 128
5	Drop Point, °C Min	190 min	ASTM D566
6	Kinematic viscosity of the extracted mineral oil from the gease at 100 °C in mm ² /s	14 -16	ASTM D445
7	Copper stip corrosion at 100 °C for 24 h	Rating 1 Max	ASTM D 4048
8	Leakage and deposit from tendencies (wheel bearing test)	5 Max	ASTM D 1263
	a) Leakage by mass, g, Max		
9	Resistance to water washout at 80°C, percent loss by mass, Max	3 Max	ASTM D 1264
10	Heat stability, percent by mass, Max	2	IS 1448 P89
11	Oxidation stability (100 h) drop in pressure, kgf/cm ²	0.35	IP 142 / ASTM D942
12	Wear scar dia mm, Max	0.6	IP 239
13	Roll stability test, penetration changes, percent after 16h, Max	20	ASTM D 1831
14	Corrosion preventing test, rating Max	Pass	ASTM D 1743

Health and Safety:

Balmerol Maxitrac Grease is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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