

## Technical Data Sheet

### DAPHNE GREASE MP

*“Multipurpose grease combined the best properties of heat resistance and EP”*

#### 1. Application

DAPHNE GREASE MP is specially developed to withstand heat and/or extremely pressure conditions. And this grease is widely used for many applications such as construction machine, Industrial machineries, wire rope, paper mills, etc. And this grease is useable on centralized lubrication system.

#### 2. Quality

DAPHNE GREASE MP is composed by Lithium Soap which has outstanding characteristics such as heat resistance, extremely pressure and mechanical shearing stability. And this grease is a range of multi-functional, high quality lithium soap base grease specially formulated with highly refined mineral oil with various additives such as anti-rust preventive and oxidant.

#### 3. Characteristics

- ✓ DAPHNE GREASE MP is multipurpose grease combined the best properties of heat resistance, EP and oxidation stability.
- ✓ DAPHNE GREASE MP has the best property of heat resistance, and is resistance to softening on high temperature over 100deg C.
- ✓ In addition, in spite of based on mineral oil, DAPHNE GREASE MP has more superior oxidation stability than many general grease.

#### 4. Typical Specification

Test items [unit]	Test condition	DN. GREASE MP		Test Method (ASTM)
Thickener type	-	Lithium		-
Base oil type	-	Mineral		-
Kinematic viscosity [mm <sup>2</sup> /s]	40 deg C	154		D 445
Color	RT	Light brown		Visual
Density [g/cm <sup>3</sup> ]	15 deg C	0.86	0.86	CTM
Penetration	25deg C, 60W	315	283	D 217
NLGI Grade	-	1	2	
Dropping point [deg C]	-	263	269	D 2265
Evaporation loss [wt%]	99deg C, 22hrs	0.3	0.4	D 942
Oil separation [wt%]	100deg C, 24hrs	2.3	1.7	D 1742
Oxidation stability [kPa]	99deg C, 100hrs	20	25	D 972
Water washout [wt%]	38deg C, 1hr	1.0	0.9	D 1264
Roll stability	165rpm, 80deg C, 20hrs	352 (+33)	323 (+40)	D 1831
Copper corrosion	100deg C, 24hrs	Pass	Pass	D 4048
Corrosion preventive	52deg C, 48hrs	Pass	Pass	D 1743
Four ball (wear) [mm]	1200rpm, 392N, 75deg C, 1hr	0.48	0.50	D 2266
Four ball (EP) [N]	RT, 1800rpm	WL	2,452	D 2596

#### 5. Package and packing

- ✓ 180KG drum
- ✓ 16KG pail

The performance and specifications are results of our tests, and are NOT a guarantee of accuracy and or completeness.

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