

## Technical Data Sheet

# DAPHNE POLYLEX GREASE

*~General-purpose urea grease with excellent heat resistance~*

### 1. Application

DAPHNE POLYLEX GREASE can be used in high-temperature lubricating parts such as dryer bearings, incinerators, soaking furnaces, and hardening furnaces in various industrial fields.

### 2. Characteristics

- ✓ The polyurea can be used as an increasing agent and has good heat resistance. In addition, it is an ashless thickener specification and is a grease with little residue.
- ✓ Excellent mechanical stability and good durability even under conditions of long agitation in bearings.
- ✓ This grease has excellent oxidative stability and is difficult to change even when used for a long period of time.

### 3. Typical Properties

Test items [unit]			Typical			Test Method
NLGI No.			No.0	No.1	No.2	ASTM D217
Thickener Type			Urea			-
Baseoil Type			Mineral			-
Color			Brown			Visual
Penetration	-	25 deg C,60W	370	325	280	ASTM D217
Dropping Point	deg C	-	260<	260<	260<	ASTM D2265
Copper corrosion	-	100 deg C,24Hr	Pass	Pass	Pass	ASTM D4048.
Evaporation loss	wt%	99 deg C,22Hr	0.3	0.3	0.3	ASTM D972
Oil Separation	wt%	100 deg C,24Hr	-	5.2	3.1	ASTM D6184
Oxidation stability	kPa	99 deg C,100Hr	10	10	10	ASTM D942
Worked stability	-	25deg C,100000W	385(+10)	332(+7)	285(+5)	ASTM D217
Humidity cabinet test	-	49deg C, 336Hr	Class A	Class A	Class A	ASTM D1748

### 4. Recommended service range

- 20 to 140 deg C

### 5. Package

180kg drum

16kg pail

400g × 20 carton box (only No.2)

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

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