



## REX SG0412 Special Plastic Grease 威斯SG0412塑膠齒輪油

### Description:

REX SG0412 is a translucent white grease based on lithium thickened synthetic fluids showing a very good compatibility with most plastic materials. This grease has an excellent lubricity, anti-oxidation property and enables a long-life lubrication in plastic gears. Especially, this grease is very suitable for noise-reducing lubrication of plastic gears.

REX SG0412 has no adverse effect to electric contacts since it contains no silicone materials..

### Benefits

- Noise-preventing capability
- Long-life lubrication
- Low friction-coefficients to plastic, metals
- Very good compatibility with most plastic materials
- Wide temperature : -40°C to +150°C

### Uses

- Plastic gears, especially when noise-prevention is required
- Plastic components, automotive electric device

### Typical Properties

| Test Items                                | SG0412    | Test Method     |
|---|-----------|-----------------|
| NLGI NO.                                  | 1         |                 |
| Worked Penetration (25°C)                 | 310 - 340 | ASTM D217       |
| Dropping Point (°C)                       | 201       | ASTM D566       |
| Oil Separation (wt%)                      | 2.3       | KS M 2049       |
| Copper Strip Corrosion                    | 1a        | ASTM D4048      |
| Oxidation Stability (Kg/cm <sup>2</sup> ) | 0.15      | ASTM D942       |
| Low Temp. Torque (-40°C)                  |           | KS M2130        |
| *Starting (gf.cm)                         | 2,800     | (5.20)          |
| *Running (gf.cm)                          | 1,200     |                 |
| 4 Ball Wear (mm)                          | 0.63      | ASTM D 2266     |
| Stylene Foam Test                         | no change | (60°C X 24 hrs) |

\* All values are typical of SG0412 and may change slightly within the limits giving no influence to the performance of SG0412.

威斯SG0412的上述資料若有些微改變，亦不會影響它的功能。

### Packaging

1KG/15KG/180KG

### 簡介

威斯 SG0412 是一種透明白色的鋰基合成油脂，它適合於各類塑膠材料零件潤滑，具有良好的潤滑性和抗氧化穩定性，在塑膠齒輪運作時能減低噪音及提供長效能潤滑。

威斯 SG0412 亦可作為電器接點油，因為它不含矽元素。

### 優點

- 減低噪音
- 長效能潤滑
- 適用於塑膠和金屬
- 低阻力係數
- 適用於多類型塑膠如：PS、ABS、PE、PP、PVC、CA、POM、NYLON、RUBBER等
- 無毒性
- 溫度範圍：-40°C 至 +150°C

### 應用範圍

- 塑膠齒輪，特別適用於減低嘈音的情況
- 塑膠零件，汽車的電器裝置

### 技術參數

| 測試專案                  | SG0412    | 測試標準         |
|-----------------------|-----------|--------------|
| 調度                    | 1         |              |
| 工作針入度25°C             | 310 - 340 | ASTM D217    |
| 滴點 °C                 | 201       | ASTM D566    |
| 油分離 wt%               | 2.3       | KS M 2049    |
| 銅蝕測試                  | 1a        | ASTM D4048   |
| 抗氧性Kg/cm <sup>2</sup> | 0.15      | ASTM D942    |
| 低溫扭力(-40°C)           |           | KS M2130     |
| 起動 (gf.cm)            | 2,800     | (5.20)       |
| 運動 (gf.cm)            | 1,200     |              |
| 四球磨損 (mm)             | 0.63      | ASTM D 2266  |
| 泡沫測試                  | 沒變        | 60°C X 24 小時 |

### 包裝

1公斤/15公斤/180公斤

This information is intended as a guide and does not necessarily represent a marketing specification. Data may vary within modest ranges but do not adversely affect the lubricant quality. Modifications reserved.