

# TECHNICAL DATA SHEET

## FOODTECH SYNT HD2



### DESCRIPTION

FOODTECH SYNT HD2 grease is a synthetic, heavy load, high temperature aluminium complex thickened food machinery grease based on synthetic PAO and polymers. The grease is formulated with effective antioxidants and EP/AW additives.

The aluminium complex thickener, combined with high viscosity base oil and effective EP additives is able to deliver a very good load carrying capability as well as excellent resistance to both water and oxidation.

FOODTECH SYNT HD2 is recommended for a variety of bearing applications commonly found in the food processing industry operating across a wide temperature range and under medium speed, high loaded conditions. It can also be used in automatic lubrication systems.

### SUMMARY OF BENEFITS

- Excellent water resistance
- Good load carrying capacity
- Excellent resistance to shock loads

### SPECIFICATIONS

FOODTECH SYNT HD2 IS MANUFACTURED IN A ISO 21469 CERTIFIED FACILITY AND MEETING NSF H1 REGULATIONS FOR LUBRICANTS WITH INCIDENTAL FOOD CONTACT.

### APPLICATIONS

FOOD PROCESSING EQUIPMENT

| GRADE/TEST DESCRIPTION   | TEST METHOD    | FOODTECH SYNT HD2         |
|--------------------------|----------------|---------------------------|
| Thickener                | -              | Aluminium Complex         |
| Base fluid               | -              | PAO                       |
| Texture                  | -              | Smooth                    |
| Colour                   | Visual         | White                     |
| NLGI Grade               | ASTM D 217 mod | 2                         |
| Dropping point           | IP 396         | > 230°C                   |
| BASE OIL VISCOSITY       |                |                           |
| @ 40°C                   | ASTM D7152     | 330 mm <sup>2</sup> /s    |
| @ 100°C                  | ASTM D7152     | 40 mm <sup>2</sup> /s     |
| Penetration 60 strokes   | ISO 2137       | 265 - 295                 |
| 4-ball weld load         | ASTM D 2596    | > 400 Kg                  |
| Water resistance at 90°C | DIN 51807:1    | 0-90                      |
| Water wash out at 79°C   | ISO 11009      | < 10 %                    |
| SKF R2F B at 120°C       | SKF            | Pass                      |
| Density                  | IP 530         | 920 kg/m <sup>3</sup>     |
| Temperature range*       | -              | -40 to +120°C (max 130°C) |

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.*

### STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

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