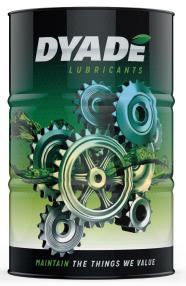
## **FOOD-PLUS GREASE CALSUL 2 H**

FOODGRADE GREASES



### 323701201

#### FOOD GRADE HIGH PERFORMANCE GREASE WITH HIGH **RESISTANCE TO HIGH TEMPERATURES AND SPEEDS BASED ON A PAO**

This product belongs to a range of advanced greases that have been created by complexing modified overbased calcium sulphonates. This technology is distinguished by its outstanding mechanical stability, high dropping point, excellent load carrying capacity, low wear, and exceptional resistance to corrosion, water, and steam. In fact, this technology matches and often exceeds the performance of other topquality, high-temperature greases like lithium complex, aluminum complex, and polyurea. Designed for incidental food contact, this product is a synthetic H-1 grease with low viscosity that delivers outstanding performance at high temperatures and infrequent lubrication intervals in food processing applications. It is particularly well-suited for use with low to medium to high-speed bearings, seal-for-life bearings, and in extended-life operations such as centrifuges and electrical motor bearings.

PROPERTY	METHOD	VALUE
NLGI consistency	ASTM D217	2
Colour	Visual	Tan
Base oil viscosity @ 40 °C, mm²/s		100
Base oil viscosity @ 100 °C, mm²/s		13.4
Texture	Visual	Smooth
Dropping point, °C	ASTM D2265	318
Consistency, 60 strokes, mm/10	ASTM D217	280
Mechanical stability, 10.000 strokes %	ASTM D217	4.8
Roll stability, 50% water, % change in pen.	ASTM D1831	2.5
Timken OK load, kg	ASTM D2509	27.2
4-ball wear test - LWI, kg	ASTM D2596	55
4-ball wear test - Weld load, kg	ASTM D2596	400
4-ball wear test - Wear scar , mm	ASTM D2596	0.40
Rust test, rating	ASTM D1743	Pass
Salt fog corrosion, 1 mil d.f.t., hours	ASTM BII7	>300
Copper corrosion	ASTM D4048	1b
Wheel bearing leakage, grams	ASTM D4290	3.8
Bearing life performance, hours	ASTM D3527	240
Bomb oxidation, psi drop after 1000 hours	ASTM D3527	6.0
Water washout @ 80 °C, %	ASTM D1264	0.5
Oil separation, % loss	ASTM D1742	0
Low temperature torque, 10000 g-cm @ start @ -40 °C	ASTM D1478	7500
Low temperature torque, 10000 g-cm @ start @ -18 °C	ASTM D1478	600
Low temperature torque, 10000 g-cm @ 60 min @ -40 °C	ASTM D1478	800
Low temperature torque, 10000 g-cm @ 60 min @ -18 °C	ASTM D1478	125
Speed Factor*		400.000
Working service temperatures, °C		-40 - 225
Peak temperature, °C		260
NSF registration		141131
Halal approved		Yes
Kosher approved		
		DYADE
All data on this technical data sheet is indicative only	202312V01	



#### CATEGORY

Greases

#### BENEFITS

- Superior mechanical stability versus other thickeners, particularly in the presence of heat and water
- Resistant against cold & hot water and alkalibased cleaners
- Adheres to metal surfaces
- High dropping point, Typically more than 300 °C
- Excellent EP and AW properties inherent in the
- thickener
- Does not require the use of additional additives
- Excellent mobility and torque at temperatures down to -40 °C
- Contains no colorant (Titanium Dioxide TiO2)
- Formulated for enhanced resistance to hot, cold, and salt water
- Sulphonates are known and used for their excellent rust prevention properties
- The use of premium antioxidant and a high viscosity PAO ensures excellent thermal and oxidation stability. Life performance is typically increased by up to four times that of a regular mineral oil-based grease
- Suitable for centralized lubrication systems

All data on this technical data sheet is indicative only

**DYADE MAINTAIN THE THINGS WE VALUE** 

```
202312V01
```

DYADE LUBRICANTS B.V TYPOGRAAF 16 | 6921 VB DUIVEN

#