

# ML425 CSFG HV 2 FOOD GRADE GREASE

## PRODUCT INFORMATION

ML425 CSFG HV 2 Food Grade Grease is a synthetic, advanced NSF H1, Calcium Sulfonate Complex grease especially formulated to cope with the severest operating conditions, such as heavy loads, long re-lubrication intervals, low speeds etc. The synthetic high viscosity oil (PAO) used in the formulation ensures extended service life and greater operating temperature range compared to mineral oil based products. Due to its special soap structure it offers excellent performance in wet and humid environments. ML425 CSFG HV 2 Food Grade Grease protects and lubricates at high temperatures where other complex greases cannot perform. It is a non-toxic product with no added pigments.



### Performance Level

- DIN 51502
- DIN 51825 KP2U-40
- ISO 6743-9 L-XBFHB2
- NSF H1

### Typical Applications

- Rolling Element Bearings up to 1500 to 2000 RPM. DN factor up to 200,000
- Chains
- Slides

### Beneficial Qualities

- Protects against wear and corrosion
- Adheres to metallic surfaces
- Outstanding lubrication properties at temperatures up to +260°C for short intervals
- Superior low temperature performance (-40°C)
- Resilient against cold and hot water and alkali based cleaners
- Effective protection against rust and corrosion
- Maintains its characteristics for long storage periods



## Application Methods

Can be applied manually, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application. Do **NOT** over-lubricate bearings, apply the quantity of grease recommended by the bearing manufacturer.

ML425 CSFG HV 2 Food Grade Grease is certified for use in food processing industries / applications as an incidental food contact material according to the specification NSF H1.

## Technical Details

	ASTM Test	Unit	Result
Soap Base			Calcium Sulfonate Complex
Colour			Tan
Texture			Smooth
NLGI Grade			2
Worked Penetration at 25°C, 1/10 mm	D-217	°C	265 - 295
Dropping Point	D-2265	°C	330
Four Ball Test			
- Welding Point	D-2596	kgf	>4,900
- LWI			0.41
Base Oil Viscosity at 40°C	D-445	cSt	460
Rust Preventative Properties	D-1743		Pass
Water Washout Characteristics, % loss, wt at 79°C	D-1264	°C	0.4
Working Temperature		°C	-40 to +260 (up to +260 °C for short intervals)

**MAK LUBES = QUALITY MAINTENANCE LUBRICANTS**

**Health & Safety: Please refer to the Safety Data Sheet. Product Manufactured in Greece under an ISO 9001 and ISO 14001 Certified Quality & Environmental Management System**

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