



Technical Data Sheet

PRODUCT DESCRIPTION:

SE 500 is a new generation H1 Food Grade Grease designed specifically for lubrication of the most severe applications in the food industry. This grease is formulated with food grade over-based calcium complex thickener and other permitted ingredients including anti-oxidants and extreme pressure and anti-wear additives to meet the most stringent requirements of the industry. This innovative grease outperforms all other food grade greases like calcium base, clay base and even aluminum complex base greases.

BENEFITS:

- Excellent resistance to water – most suitable for water prone applications
- Excellent mechanical and shear stability – stable under running operating conditions
- Excellent rust protection
- Outstanding high temperature characteristics
- Outstanding extreme pressure and anti-wear properties
- Suitable for the most severe heavy and shock load conditions
- Better stay-put properties at high temperatures.
- Long bearing / machine life

1.	NLGI Grade	ASTM D 217	2	2
2.	Thickener Type	-	Overbased Calcium Complex	Overbased Calcium Complex
3.	Color	Visual	White	White
4.	Base Oil Viscosity	ASTM D 445		
	@ 40°C, cSt		+ 100	+ 112
5.	Drop Point, °F	IP 396	+ 600	650
6.	Worked Penetration @ 25°C	ASTM D 217	265 - 295	286
7.	Change in Penetration after 1,000,000 strokes @ 25°	ASTM D 217	+ 30	+ 10
8.	Four Ball Weld Load, kg	ASTM D 2783	500	620
8.	Timken OK Load, lbs	ASTM D 2509	60	60
10.	Water Washout, wt % loss @ 175°F	ASTM D 1264	5.0	1.0
11.	Copper Corrosion	ASTM D 4048	Pass	Pass