

# ESCA GREASE CA 2 400

H1 Food Grade Calcium Sulphonate Grease

212610/09.19

Rev. 1

## DESCRIPTION & APPLICATIONS

ESCA GREASE FG-CA 2-400 is a high performance PAO-based, Calcium Sulphonate thickened Grease providing unsurpassed resistance to extreme pressures and corrosion in applications in the food-, feed- and pharmaceutical industries.

ESCA GREASE FG-CA 2-400 meets the requirements of FDA 21 CFR 178.3570 and is H1-registered for processes where incidental food contact can occur. All ESCA H1-registered products are manufactured according to ISO 21469:2006 which supports producers' HACCP and GMP programs. ESCA H1-lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

## ADVANTAGES

- High load carrying capacity
- Exceptional mechanical and thermal stability, even in the presence of water and heat
- Extreme resistance to water and even salt spray
- High corrosion protection
- Resistance to shock load
- Extended life performance

## PERFORMANCES

Satisfies to the following specifications:

InS 3H

HALAL

KOSHER

# ESCA GREASE CA 2 400

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Color	-	-	Beige
NLGI-grade	-	ASTM D 217	2
Viscosity of the base oil at 40°C	mm <sup>2</sup> /s (cSt)	ASTM D-445	400
Penetration at 25°C after 60 strokes	1/10mm	ASTM D 217	265 - 295
Penetration at 25°C 100000 strokes	%	ASTM D-217	4,5
Dropping point	°C	ASTM D-2265	318
4 Ball weld load	Kg	ASTM D2783	400
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	0,5
Water washout @ 79°C	%	ASTM D 1264	0,5
Salt spray test	hour	ASTM B-117	>300
Bearing life performance, 1000 rpm, 160°C	hours	ASTM D-3527	260
FE-8 test rig (80 kN, 75 rpm, 500 h, 80°C) wear outer ring	mg	DIN 51819 T1-T3	8
FE-8 test rig (80 kN, 75 rpm, 500 h, 80°C) wear inner ring	mg	DIN 51819 T1-T3	3
FE-8 test rig (80 kN, 75 rpm, 500 h, 80°C) wear rollers	mg	DIN 51819 T1-T3	6
FE-8 test rig (80 kN, 75 rpm, 500 h, 80°C) wear cage	mg	DIN 51819 T1-T3	17
FE-8 test rig (80 kN, 75 rpm, 500 h, 80°C) speed factor	mm/min	DIN 51819 T1-T3	400000
INS registration number	-	-	1811242

*The average values are given for information only.*