

ESCA GREASE P AL

Synthetic H1 Food Grade Aluminium Complex Grease

212630/04.13

Rev. 0

DESCRIPTION & APPLICATIONS

ESCA GREASE P AL 1,5 is a high performance Poly-Alpha-Olefin (PAO) based, Aluminium Complex thickened grease with superior affinity to metal providing high lubricating capacity and resistance to extreme pressures in applications in the food-, feed- and pharmaceutical industries.

ESCA GREASE P AL 1,5 meets the requirements of FDA 21 CFR 178.3570 and is H1-registered for processes where incidental food contact can occur. All products are manufactured according to ISO 21.469:2006 which supports producers' HACCP and GMP programs. They do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

ESCA GREASE P AL 1,5 is recommended for use in food processing machinery, such as:

- Bearings operating at medium and low speed, DN=400,000 (DM x RPM)
- Bearings, joints and slides of tin-sealing machinery
- Bearings and mechanisms in freezing equipment
- Conveyor chains
- Bearings of ovens and kilns (peak temperature is 200 °C)
- Valves, taps and general bearing lubrication

ADVANTAGES

- Superior adherence, high sealing capacity
- Excellent lubricating properties
- High load carrying capacity
- Mechanical stability
- Good thermal resistance
- High resistance to water, vapour, alkalis (detergents), light acids
- High corrosion protection
- Long life, slow aging

PERFORMANCES

Satisfies to the following specifications:

CODEX

ESCA GREASE P AL

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 greases disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 1 year(s) in closed container and sheltered.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Color	-	-	white
NLGI-grade	-	ASTM D 217	1,5
Penetration at 25°C 60 strokes	1/10 mm	NFT 60132	290-310
Viscosity of the base oil at 40°C	mm ² /s (cSt)	ASTM D-445	150
4 Ball weld load	kg	ASTM D2596	> 400
Corrosion resistance	-	SKF Emscor	Max 0/0
Application temperature	°C	-	-40°C à 180°C
Evaporation, 22 hrs at 99°C	%	ASTM D972	Max 1
INS registration number	-	-	1796405

The average values are given for information only.