

ESCA GREASE P AL

ALUMINIUM COMPLEX GREASE FOR FOOD INDUSTRY

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Rev. 6

DESCRIPTION & APPLICATIONS

ESCA GREASE P AL is a food machinery grease based on an aluminium complex thickener and pharmaceutical grade synthetic PAO oils.

The thickener system and low viscosity base oil combine with antioxidant and EP/AW additives to give a product with very good load carrying capability as well as resistance to oxidation.

The properties of ESCA GREASE P AL make it suitable for a variety of bearing applications used within the food industry, operating outside, at low temperature and under highly loaded conditions. It can be applied with a grease pump, brush or spatula.

This product is manufactured in an ISO 21469 certified facility.

ESCA H1 lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

The product is free of PFAS

ADVANTAGES

- Exceptional degree of water resistance providing lasting lubrication and protecting against corrosion.
- Wide performance characteristics enable product standardisation.
- Provides long-term lubrication at high temperatures, extending lubrication intervals.
- Excellent anti-wear performance, extending component life.

PERFORMANCES

Satisfies to the following specifications:

InS H1

HALAL

KOSHER

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
Appearance	-	-	Smooth Adhesive
Color	-	-	White
NLGI-grade	-	ASTM D 217	2
Thickener	-	-	Aluminium Complex
Viscosity of the base oil at 40°C	mm ² /s (cSt)	ASTM D-445	100
Base oil	-	-	White oil PAO
Dropping point	°C	IP 132	>240
Oil separation	%	IP 121	<2%
Copper corrosion	-	IP 112	0,0
Corrosion resistance EMCOR	-	IP 220	0:0
Water washout @ 39°C	%	ASTM D1264	<3
4 Ball weld load	kg	IP 239	400
Application temperature	°C	-	-40°C to 165°C
Solids	%	-	5
NSF certificate number	-	-	163457

The average values are given for information only.