ALUCHEM
LUBRIFICANTI SPECIALI

Alugrease® G 93 A

FOOD-GRADE MEDIUM TEMPERATURE GREASE

PRODUCT   **Alugrease® G 93 A** are food-grade and synthetic lubricants, registered in Category H1 by NSF INTERNATIONAL (USA) (see website http://www.nsf.org/USDA/Listings.asp?Company=N10201 – Reg. Nr. 127773), suitable for applications where incidental contact with food may occur.

Aluchem products and plants have been also **Kosher** certified.

PROPERTIES   **Alugrease® G 93 A** exhibits multipurpose properties, enabling application in a variety of components and operating conditions.

In particular, **Alugrease® G 93 A** shows enhanced water resistance, high lubricating capacity and good oxidation resistance, allowing lower maintenance and repair costs.

Alugrease® G 93 A is fully compatible with materials, paints and elastomers normally used in the food industry.

APPLICATION   **Alugrease® G 93 A** is recommended for many components in the food, pharmaceutical and cosmetic industries, such as: bearings, articulations, pins and joints, gears, chains, also in wet or steamy environment.

Technical Data	Method	Unit	Typical values		
Colour	-	-	White		
Appearance	-	-	Smooth-texured homogeneous slightly streamlined		
NLGI grade	ASTM D 217	-	**0**	**1**	**2**
Thickener	-	-	Al-Complex		
Base oil	-	-	Mix of synthetic oils		
Base oil viscosity at 40°C	ASTM D 445	cSt	68		
Penetration at 20°C	ASTM D 217	dmm	355 ÷ 385	310 ÷ 340	265 ÷ 295
dropping point	ASTM D 566	°C	>250	>270	> 270
Flash point of base oil (C.O.C.)	ASTM D 92	°C	252		
4 Ball wear scar diameter (1200 rpm, 75°C, 40 kg, 1 hr)	ASTM D 2266	mm	0,8		
4 Ball welding point	ASTM D 2596	Kg	110		
Evaporation loss, 22 hrs at 100°C	ASTM D 972	% wt	0,9		
Humidity cabinet test	ASTM D 1748	ore	700		
Speed Factor	-	mm/1'	600.000	600.000	600.000
Continuous operatine range	-	°C	- 45 ÷ 130	- 45 ÷ 150	- 45 ÷ 160

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UNI EN ISO 9001:2008
CERTIQUALITY   IQNet   NSF