

IKV-TRIBOFOOD MAK 102

► DESCRIPTION

IKV-TRIBOFOOD MAK 102 is a white grease formulated from a aluminium complex soap that has a great affinity with metals, a food grade oil with high viscosity index and carefully selected additives.

This formulation gives it good lubricating properties like :

- an outstanding pumpability and lubrication over a wide range of temperatures
- an excellent load bearing capacity
- a high antiwear performance
- an excellent thermal stability, which is constant up to 130°C with some peaks of 150°C
- maintains consistency and lubrication in the presence of water, food acids, juices and by-products
- does not run from bearing under steam cleaning
- has a highly resistance to water washout and most sterilizing chemicals used in cleaning
- provides equipment protection from rust and corrosion

Additionally, **IKV-TRIBOFOOD MAK 102** :

- is free of genetically modified substances (GMS),
- maintains food allergy safety,
- is free of gluten,
- does not contain, nor is it manufactured in a facility that manufactures, stores, or otherwise handles any nuts, sesame seeds, milk, eggs, fish and shellfish, soy, wheat or sulfites.

IKV-TRIBOFOOD MAK 102 also meets the highest food industry safety standards and fits perfectly in HACCP (Hazard Analysis and Critical Control point) and GMP (Good Manufacturing Practice) plans.

IKV-TRIBOFOOD MAK 102 is classed X-BCHB 2 according to the ISO standard 6743-9 (NF T 60-506).

IKV-TRIBOFOOD MAK 102 is formulated exclusively using components that appear in the positive list of the Food and Drugs Administration (FDA), **IKV-TRIBOFOOD MAK 102** is registered according to NSF H-1 standard.

► TYPICAL APPLICATIONS

IKV-TRIBOFOOD MAK 102 is a long-lasting grease suitable for all bearings, sliding bearings, joints, chains, open gears, conveyors, runners, tap systems particularly in the presence of water, heavy loads and extreme temperatures.

IKV-TRIBOFOOD MAK 102 is also suitable for the lubrication of discs and rollers of pellet presses.



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► APPLICATION METHOD

IKV-TRIBOFOOD MAK 102 is compatible with greases developed from aluminium complexe and silica. In order to obtain the best results, it's however recommended to eliminate the initial grease by cleaning or by frequent relubrication.

► PROPERTIES

CHARACTERISTICS	VALUES	UNITS	TESTS
Colour	White		
Oil nature	Medicinal		
Kinematic viscosity at 40°C	120	cSt	ASTM D-445
Thickener nature	Al cplx		
NLGI Grade	2		
Working penetration at 60 strokes	265 / 295	0,1 mm	ASTM D-217
Drop point	> 250	°C	ASTM D-566
Copper Corrosion test - 24 hrs @ 100°C	1b		ASTM D-4048
Useful temperature range	-20 / 130	°C	
Useful temperature in peak	150	°C	
Water resistance (3h @ 90°C)	0	grade	ISO 11009
Water wash out at 79°C	< 6	%	ASTM D-1264
<i>4 balls test</i>			
4 balls test - Scar diameter (1h - 40 kg)	< 0.55	mm	ASTM D-2266
4 balls test - Welding Load	> 500	kgf	ASTM D-2596

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