

# HYDROPLEX FG 101



# HYDROPLEX FG 101



**SYNTHETIC  
EXTREME PRESSURE  
GREASE  
FOR THE FOOD INDUSTRY**



## DESCRIPTION

HYDROPLEX FG 101 is a grease particularly suitable for the lubrication of equipment subject to very high stresses (loads, temperatures, dust, water) in the food industry

## PROPERTIES

HYDROPLEX FG 101 meets FDA (Food and Drug Administration) requirements of lubricants with incidental food contact, 21 CFR 178.3570 and is registered NSF H1

HYDROPLEX FG 101 is also certified Halal and Kosher

HYDROPLEX FG 101 does not contain aromatics that can be detected as MOAH (GC-FID method, LOD 25 ppm, on raw lubricant)

No animal derivatives and allergens listed in Annex II of Directive 2011/1169/EC on food ingredients

Formula of HYDROPLEX FG 101 provides outstanding resistance to water, steam and detergents as well as a very high protection against corrosion in severe conditions

HYDROPLEX FG 101 has excellent anti-wear and extreme pressure properties at low to moderate speeds, in order to limit metal / metal contacts in the process equipment

The use of HYDROPLEX FG 101 grease provides maximum equipment protection and allows to space out the lubrication intervals, especially compared to conventional technology of greases used in food industry

## APPLICATIONS

HYDROPLEX FG 101 is recommended for the lubrication of machinery used in food and beverage processing and packaging industry.

HYDROPLEX FG 101 is particularly recommended for bearings and plain bearings subjected to harsh conditions of fillers, water or moisture

For the use of grease Hydroplex FG 101 in applications with high shear (eg. cylindrical roller bearings), we recommend to contact technical service of TTA

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## SPECIFICATIONS

	<b>Unit</b>	<b>Value</b>
Aspect	-	Smooth
Color	-	Brown
Worked penetration	1/10 mm	290-320
NLGI grade	-	1,5
Dropping point	°C	> 280°C
4 ball welding	N	> 6000
Operating temperature range	°C	- 30 to +140
NSF H1 Registration	-	160245

## HEALTH / SAFETY

For information about safe handling and use of this product, refer to the Material Safety Data Sheet

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