

# Mabanol Sigma Food EP 2-95

High-performance grease for the food and feed industry

## Application

Mabanol Sigma Food EP 2-95 is a high-performance multi-purpose grease that was specially developed for the lubrication of machines in the food processing industry. Food and feed processing systems are exposed to a wide range of operating conditions, such as extreme operating temperatures or high levels of water, steam and cleaning agents.

Mabanol Sigma Food EP 2-95 is ideal for lubricating plain and roller bearings, joints, sliding surfaces and pellet presses.

The grease is FDA approved for unintentional, occasional contact with food.

## Properties

Mabanol Sigma Food EP 2-95 is based on white oil with a calcium sulfonate complex thickener. The product offers excellent mechanical stability and excellent resistance to water washout as well as very good oxidation and wear protection. Mabanol Sigma Food EP 2-95 enables safe lubrication over a wide temperature range and ensures a long bearing life.

## Standards

- NLGI-Grade 2
- DIN 51502 KP2K-30
- NSF H1 (registration no. 170998)
- Kosher
- Halal (pending)

## Data

	Test method	Unit	Value
Thickener			Ca-sulfonate
Colour			Yellowish-brown
Dropping point	ASTM D 97	°C	> 300
Worked penetration	DIN ISO 2137	1/10mm	265 - 295
Base oil viscosity at 40°C	DIN ISO 51562	mm <sup>2</sup> /s	95
Four ball test	ASTM D 2596	N	4000
Water washout at 80°C	ASTM D 1264	%	0,3
Bearing life at 160°C	ASTM D 3527	h at 1000 rpm	180
NT torque at -40°C	ASTM D 4693	Nm	11
Temperature range		°C	-20 to +160

Updated in: December 2024

The above values may vary within the commercial limits.