



BARREL CHAIN FG Series (Chain lubricants for food machinery)

BARREL CHAIN FG series are chain lubricants for food machinery formulated with approved raw materials by FDA(Food and Drug Administration) and NSF(National Sanitation Foundation). BARREL CHAIN FG series are based on a careful blend of white mineral oil or polyalphaolefin and selected additives chosen for their ability to meet the stringent requirements of the food and beverage industry.

1. Features

- (1) NSF H1-registered supporting process reliability.
- (2) Excellent oxidation stability.
- (3) Excellent anti-wear property.
- (4) Lower oil consumption.

2. Applications

BARRELCHAIN FG series are recommended for use in drive and transport chains within food and beverage industry. BARREL CHAIN FG series are suitable for temperature up to 120°C.

3. Typical properties

Property	BARREL CHAIN		
	FG-68	FG-68P	
NSF Registration No.	134933	134932	
Category Code	H1	H1	
Density 15°C	g/cm ³	0.870	0.837
Flash Point (COC)	°C	248	270
Pour Point	°C	-17.5	-57.5
Kinematic Viscosity 40°C	mm ² /s	68.0	68.0
Kinematic Viscosity 100°C	mm ² /s	9.21	10.3
Viscosity Index		112	138
Acid Number	mgKOH/g	0.16	0.16
Copper Corrosion (3hr,100°C)		1	1
Color (ASTM)		L0.5	L0.5
Base Oil		White mineral oil	PAO

(2022.07)

•The data in this document are not standard values. The data described in this document are not standard values and are subject to change without notice due to product improvements or specification changes.
 •Company product information does not constitute a warranty that products are compatible with a specific or individual machine, equipment article, or application.
 •When using this product, be sure to test it beforehand at your company to confirm that it meets the conditions of use. The applications described herein are not guaranteed to be free from any patent infringement.
 •Our H1 products have been developed and manufactured for Food industrial applications. If you wish to use our products in a special application, please test them beforehand and confirm their safety before use. Do not use this product for medical or implant applications.
 •When using this product, please confirm the precautions for handling and storage, first aid, disposal, and other precautions in the Safety Data Sheet (SDS).
 •Please contact the head office of Matsumura Oil Co., Ltd. if you wish to reprint this document.