

# LUBRICHEM

## LUBRICHEM FGH 46

Range of multipurpose lubricating oils for the food industry

### Description

LUBRICHEM FGH is formulated with specially selected highly refined base stocks in combination with the latest additive technology. As the product is non-toxic, it is suitable for use in applications where incidental contact with food or raw materials during the production is possible or likely. Thanks to its great performance characteristics and carefully chosen additives, LUBRICHEM FGH oils are available in a wide viscosity range, are NSF approved and can be used in most applications in the manufacturing process in the food production and processing industry.

### Applications

#### General lubrication

LUBRICHEM FGH lubricants can be used for all kinds of general lubrication as bearings, slides, chains and small mechanisms, which need a medium pressure oil

that provides a clean and non-contaminating lubrication. The application is easily done either automatically, dropping, spraying or manually.

#### Hydraulic oil

Thanks to its excellent anti wear properties the FGH range is used as hydraulic fluid for both power and motion transfer in machinery operated close to food production processes:

- High viscosity index, high temperature behaviour is excellent. LUBRICHEM FGH shows rather flat viscosity-temperature curves, which results in a smooth operation in both high and low temperature lubrication
- Low pour point which allows operation at temperatures below 0 °C and increased performance in start-up operations
- High shear stability

All performance data on this Technical Data Sheet are indicative only and can vary during production

**Lubricchem LLC – [hello@lubricchemllc.com](mailto:hello@lubricchemllc.com) – [www.lubricchemllc.com](http://www.lubricchemllc.com)**



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- Outstanding anti foam properties
- Excellent demulsifying capacity

## Conveyor lubrication

In the beverage industry very often a mixture of soap and water is used to lubricate stainless steel conveyors in combination with glass bottles. The soap mixture will give a messy workplace and will stain labels.

## Dielectric oil

LUBRICHEM FGH fluids shows excellent isolating and dielectric properties.

## Anticorrosive agent

LUBRICHEM FGH can be used as light anticorrosive protector of metal surfaces which might be in contact with food products. Examples are wires for canned meat sealing, conveyor or slides in manufacturing equipment and handling food packaging. LUBRICHEM FGH can also be used to clean and polish stainless steel.

## Typical performance data

	<b>FGH 46</b>
Density @ 20 °C, g/ml	0.850
Viscosity @ 40 °C, cSt	46
Viscosity Index	105
Pour point, °C	-21
Flash point, °C	180
Acidity index, mg KOH/gr	0,8
Aniline point, °C	105
Copper corrosion, 3h/100 °C	1 a
Steel corrosion, distilled water	Pass
De-emulsifying index	40/37/3 (30')
NSF approval	159178

## HEALTH / SAFETY

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

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