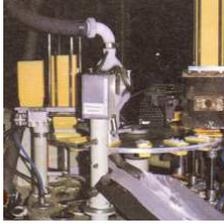


# MOLYDUVAL

## Biolube 46



### Lubrication Oil for Food Industry

A high performance versatile lubricant for applications where incidental contact with foodstuff may occur, or where a clean, non-toxic lubricant is preferred. The used base fluids are released to DAB/FDA/USDA as well as the containing corrosion protective and wear protective additives.

#### Properties

- \* good cleaning properties
- \* water and sea water resistant
- \* Food grade, i.e. the product fulfills the requirements for an H1 lubricant for use in the food industry
- \* clear and transparent
- \* tasteless
- \* good penetrative properties
- \* odor less
- \* unsoluble in water

#### Applications

- \* for gear boxes in food industry
- \* for hydraulic equipment in food and pharma industry
- \* for non-cutting metal working
- \* for chains in food industry, for packing and filling machines
- \* for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- \* for anti-friction and sleeve bearings in textile industry
- \* for rolling and sleeve bearings
- \* as lubricant for rubber, latex, and plastics
- \* for hooks, sleeve elements, rolls, joints, clutches
- \* for metal working of aluminium, copper and their alloys

#### Technical Datas

Color		transparent
Base Fluid		Paraffin
Viscosity Class	ISO-VG	46
Density 20°C	kg/m <sup>3</sup>	860
Temperature Range	°C	-10 -> +90
Viscosity 40°C	mm <sup>2</sup> /s	46
Flash Point	°C	190
Viscosity Index		110
pH-value		-18
Wear Protection FZG Test A/8.3/90	Grade	12

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.*

For further information, please see our website [www.molyduval.com](http://www.molyduval.com) or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence.