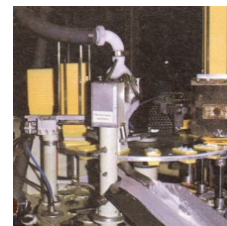
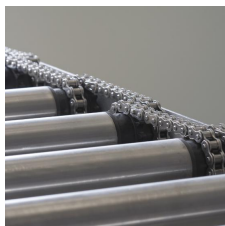


# MOLYDUVAL

## Biolube 68



### Lubrication Oil for Food Processing Facility

Synthetic lubricating oil based on polyalphaolefin for gears, chains, circulating systems and hydraulic systems in the food processing and pharmaceutical industries. Compared to conventional hydrocarbons such as mineral oil, it is relatively non-toxic and only contains ingredients that are approved according to American guidelines for lubrication in the food industry (NSF-H1 guideline). In many areas it can replace conventional mineral oils and thus offers greater safety and purity.

#### Characteristics

- compatible with mineral oil
- good pressure absorption capacity
- long usability due to good oxidative resistance
- Relatively well compatible with elastomers and plastics (ask for exact compatibility)
- Food grade, conforms to the NSF H1 regulations for use in Food Industry
- excellent viscosity temperature behaviour
- low residue forming
- does not contain any MOSH "mineral oil saturated hydrocarbons" and no MOAH "mineral oil aromatic hydrocarbons"

#### Applications

- for gear boxes in food industry
- for heavy dutied slide surfaces at textile, packing, and plastics machineries
- for high temperature gears
- for bearings in high temperature sectors, ventilators, ovens, motors
- for bearings of oven conveyors, as in annealing and drying furnaces, bakery ovens, rotary kilns
- as sliding agent to plastics, in printing or textile industry
- for bearings in refrigeration equipment
- for calenders in production of polymers such as vinyl and ABS polymer sheets
- for rolling and sleeve bearings in food and pharma industry

#### Technical Datas

Color		transparent
Base Fluid		paraffin, wax, alkan
Viscosity Class	ISO-VG	68
Viscosity 40°C	mm <sup>2</sup> /s	68
Viscosity Index		110
Density 40°C	kg/m <sup>3</sup>	870
Temperature Range	°C	-10 -> +90
Flash Point COC	°C	245
Pour point	°C	-18
Wear Protection FZG Test A/8.3/90	Grade	12
No Allergene		meets (*)
No MOAH		meets (*)
NSF H1		meets (*)
Pack Size can 5 l		+
Pack Size can 20 l		+
Pack Size drum 200 l		+
Pack Size Container 1000 l		+

*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.*

*(\*) We do not have a direct approval. The product is manufactured solely in accordance with the approval. Therefore, compliance with the parameters specified in the approval cannot be guaranteed.*