

# MEGA LUBE



## FOOD GRADE LUBE FDA

Full synthetic high-tech lubricating oils for the food industry. Bio degradable

### Application:

**FOOD LUBE FDA** is a series of high quality lubricating oils, which are intended for the Food Manufacturing industry, beverage industry and the feed industry. **FOOD LUBE FDA** is used In hydraulic systems (ISO 32,46 and 68), in gearboxes, in circulating systems, for the lubricating of chains like load chains and transport chains, for conveyors, slide ways, dosage Apparatus, valves, pneumatic mechanisms, oil spray lubrication, bearings, spindles and joints, for screw compressors and piston compressors, (Take note of the manufacturers Instructions) like vacuum pumps.

**Temp. Range:** Depending on the viscosity (ISO VG) about -55°C to +170°C

**Specifications:** Exceeds the requirements of DIN 51517

### Characteristics:

**FOOD LUBE FDA** is full synthetic lubricating oil based on Polyalphaolefin (PAO), high purity grade, clear, light liquids with a light yellow colour. Practically odorless and tasteless. This product is not toxic. They also have a very good viscosity temperature ratio (high viscosity index), excellent low and high temperature proportion, good wear and tear protection, outstanding lubricating capabilities, compatibility with seals, high oxidation stability and good corrosion protection with steel, sheet metal and non-ferrous metals, (Fe, Al, Cu). Low on evaporation and have very little tendency to form sludge or carbon deposits.

### Instructions, Regulations and Government Laws.

The U.S. Food and Drug Administration (FDA) has approved of the additive that has been used in lubricants under §178.3750 for the food industry. **FOOD LUBE FDA** meets the Laws and Regulations according to USDA H1 (Code of federal regulations) namely FDA Reg. 21 CFR 178.3620-3570.

### **Data:**

ISO VG	22	32	46	68	100	150	220	320	460	680	1000
Density @ 15°C	0.826	0.828	0.833	0.837	0.840	0.842	0.845	0.845	0.845	0.847	0.850
Viscosity @ 40°C mm <sup>2</sup> /s	22	32	46	68	100	150	220	320	460	680	1000
Viscosity @100°C mm <sup>2</sup> /s	4	6.1	7.7	10	14	19	25	33	42	60	80
Viscosity Index	135	135	137	140	143	145	147	150	155	157	160
Flash Point °C	235	240	245	250	260	270	270	275	275	275	280
Pour Point °C	-60	-60	-57	-54	-48	-42	-42	-30	-27	-24	-21
FZG-Test A/8,3/90 DIN 51354	>12	>12	>12	>12	>12	>12	>12	>12	>12	>12	>12
Corrosion Test Steel DIN 51585	0	0	0	0	0	0	0	0	0	0	0
Copper Corrosion ASTM-D 130	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b	1a-1b

**Transport:** ADR/SDR: Not dangerous

**Disposal:** Category 3 Switzerland

**Toxicity:** Toxic Class Free