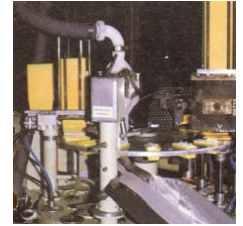


MOLYDUVAL

Syntholube A 46 LM



Lubrication Oil for Food Industry

A synthetic industrial gear, bearing and chain fluid with good high temperature stability and wear protection. Based on modern Food - grade and USDA H1 cleared Polyalphaolefines (PAO), it has a good seal compatibility, good corrosion protection and a top high temperature stability. Available even in many other ISO and SAE viscosity classes. It may replace mineral oils in food and pharma industry and therefore represents a step to more safety and cleanness.

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

Applications

- for gear boxes in food industry
- for heavy dutied slide surfaces at textile, packing, and plastics machineries
- for high temperature gears
- for hydraulic equipment in food and pharma industry
- 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 | | PAO |
| Viscosity Class | ISO-VG | 46 |
| Viscosity 40°C | mm ² /s | 46 |
| Viscosity 100°C | mm ² /s | 8 |
| Viscosity Index | | 150 |
| Density 40°C | kg/m ³ | 810 |
| Temperature Range | °C | -40 -> +120 |
| Pour point | °C | -50 |
| Flash Point COC | °C | 250 |

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 <https://www.solano-industries.com>