

# MOLYDUVAL

## Soraja XE 150



### Synthetic Food Grade Ester Chain Oil

A modern, synthetic food grade chain fluid formulated for chains in Food and Pharma Industry. In comparison to chain oils based on mineral oil it offers food compatibility, that means that all components are approved by USDA and NSF. Based on Food Grade and USDA H1 cleared synthetic polyol esters it is miscible with mineral oils and offers a top high temperature stability, and excellent wear protection.

#### Properties

- \* compatible with mineral oil
- \* high pressure ability
- \* low pour point
- \* longer service life due to high thermal stability
- \* Food grade, i.e. the product fulfills the requirements for an H1 lubricant for use in the food industry
- \* excellent viscosity temperature behaviour
- \* strong tackiness caused by very long molecules
- \* miscible with ester based lubricants

#### Applications

- \* for preservation of metals and machines in food industry
- \* for chains in food industry, for packing and filling machines
- \* for rolling and sleeve bearings in food and pharma industry
- \* for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- \* for lubrication point in food and pharmaceutical industry
- \* for chains in bakery ovens

#### Technical Datas

Color		yellow
Base Fluid		Ester
Viscosity Class	ISO-VG	150
Density 20°C	kg/m <sup>3</sup>	920
Temperature Range	°C	-40 -> +230
Pour point	°C	-45
Viscosity 40°C	mm <sup>2</sup> /s	150
Flash Point	°C	270
Viscosity Index		190

*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.