

# MOLYDUVAL

## Soraja CDA 46



### Synthetic Food-Grade Compressor Oil

Designed for many hours of use in rotary screw compressors where a food grade lubricant is needed. Conforms to USDA H-1, authorized for use in meat and poultry processing plants where incidental contact with food may occur. Meets requirements under FDA Regulation 21 CFR 178.3570. Offers improved thermal and oxidative stability over mineral oil, compatibility with most seals, plastics, rubbers and a wide operating temperature range. Extended drain intervals reduces oil disposal, thus increasing cost effectiveness.

#### characteristics

- \* compatible with mineral oil
- \* good pressure absorption capacity
- \* longer service life due to high thermal stability
- \* relative good seal compatibility, please ask for precise information in regard to your material
- \* Food grade, conforms to the NSF H1 regulations for use in Food Industry
- \* excellent viscosity temperature behaviour

#### Applications

- \* for gear boxes in food industry
- \* for circulating systems, even under heavy loads and/or the most unfavorable operating conditions
- \* for rotary vane compressors
- \* for screw compressors in food industry

#### Technical Datas

Color		transparent
Base Fluid		PAO
Viscosity Class	ISO-VG	46
Viscosity 40°C	mm <sup>2</sup> /s	46
Viscosity Index		138
Density 40°C	kg/m <sup>3</sup>	830
Temperature Range	°C	-50 -> +135
Pour point	°C	-54
Flash Point COC	°C	250
Foam Properties		0/0/0
Lubricating Ability 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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 17.03.2022