

# MOLYDUVAL

## Amadeus A 320



### Synthetic Vacuum Pump Oil

A high temperature synthetic, PAO based, vacuum pump fluid for long term use in a wide variety of vacuum compressors.

#### Properties

- \* compatible with mineral oil
- \* high pressure ability
- \* low pour point
- \* longer service life due to high thermal stability
- \* rel. good seal compatibility, please ask for precise information in regard to your material
- \* good viscosity temperature correlation
- \* food grade - all components conform to USDA H1 or FDA regulations for Lubricants in incidental food contact

#### Applications

- \* for vacuum pumps, mechanical and diffusions pumps

#### Technical Datas

|  |                    |             |
|--|--------------------|-------------|
| Color                                  |                    | transparent |
| Base Fluid                             |                    | PAO         |
| Viscosity Class                        | ISO-VG             | 320         |
| Pour point                             | °C                 | -30         |
| Density 15°C                           | kg/m <sup>3</sup>  | 845         |
| Viscosity 40°C                         | mm <sup>2</sup> /s | 320         |
| Flash Point                            | °C                 | 260         |
| Ash Content                            | %                  | < 0,01      |
| Viscosity Index                        |                    | 150         |
| Lubricating Ability FZG Test, A/8.3/90 | Grade              | > 12        |
| Sulfated ash                           | %                  | 0,04        |

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.