

MOLYDUVAL

Alessa CLE 20 ZZ



Synthetic Biodegradable Grease

A semi-synthetic grease with white solid lubricants for the purpose of lubricating rail flanges by automatic lubricating equipment.

In sliding motions such as between rail flanges and wheel flanges it is difficult to form an elastohydrodynamic lubricating film. This special greases contains therefore a high percentage of graphite, which is needed to keep the metal surfaces apart and thereby reduce wear.

Properties

- * strong tackiness
- * biodegradable
- * provides protection against corrosion
- * excellent wear protection
- * good tackiness

Applications

- * for switches in railway business
- * for wheel flanges of trams and railways applied by electrically or air pressure operated lubricators

Technical Datas

Color		white
Consistency Class NLGI		00
Name		MPE00K-20
Base Fluid		Ester
Thickener		LiCa
Density 20°C	kg/m ³	1050
Viscosity Base Fluid, 40°C	mm ² /s	68
Temperature Range	°C	-30 -> +120
Temperature Range kurzzeitig bis	°C	150
Biodegradability 21d	%	> 80

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 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.