

MOLYDUVAL

Alessa SE 40 T



Lubricant for Switchplates

A semi-synthetic grease 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

- * good anticorrosive properties
- * soft and smooth
- * biodegradable
- * good water resistance
- * PTFE solid lubricant share offering additional friction reducing
- * low temperature suitability
- * very soft
- * Very good low-temperature characteristics
- * easy dispersing
- * easy pumpable

Applications

- * for switches in railway business
- * for lubricating rail flanges by automatic lubricating equipment

Technical Datas

Color		beige
Consistency Class NLGI		0000
Name		MPFE0000K
Base Fluid		Ester
Density 20°C	kg/m ³	920
Viscosity Base Fluid, 40°C	mm ² /s	17
Temperature Range	°C	-30 -> +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.