

MOLYDUVAL

Prometheus CLE 1 Z



A tacky and white open gear lubricant for slow running cog wheels, gears and turnstiles, for chains and wire ropes. Best lubrication is guaranteed by solid lubricants and EP -additives. Formulated with a white solid lubricant it provides a high film strength coating on gear teeth to minimize wear.

Designed to provide tacky, tenacious lubricant films on open gears operating under severe shock load conditions. After application a tacky lubricant film on the gear teeth remains. It can also be used to lubricate chains, sprockets, wire rope, and cables.

Properties

- * good anticorrosive properties
- * water refusing
- * high pressure ability
- * reduces wear and friction
- * reduces risk of Stick-Slip-effect
- * strong tackiness
- * biodegradable
- * wide temperature range
- * low danger of forming residues or carbon
- * harmless
- * protects against fretting corrosion and rust

Applications

- * for open gears
- * for chains
- * for open cogwheels
- * for industrial gears and thread spindles running slowly but loaded heavy
- * for conservation and lubrication of wire ropes
- * for wire ropes at cranes, container appliances, open cast mining appliances and excavators
- * for wire ropes of chairlifts and lifts
- * for cogbars and cogwheels at cog railways
- * for the preservation and sealing of cavities.

Technical Datas

Color		white
Consistency Class NLGI	0,1 mm	1
Name		MPFE1-30
Base Fluid		Ester
Name		ISO-L-XCCIB1
Density 15°C	kg/m ³	1200
Water Resistance static	Grade	0
Temperature Range	°C	-30 -> +120
Temperature Range shortly up to	°C	150
Wear Protection VKA welding load	N	10000
Oil Separation 168h (7d) 40°C	%	0,8

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.