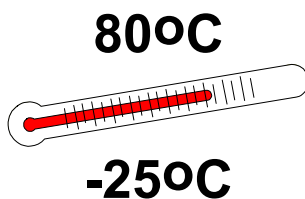


# MOLYDUVAL

## Prometheus OZ



### Open Gear Lubricant

MOLYDUVAL Prometheus OZ is a tacky 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 an asphaltic base and diluted with a nonchlorinated solvent for easy application through automatic lubrication systems or by hand. 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 the diluent then evaporates, leaving a tacky lubricant film on the gear teeth. It can also be used to lubricate chains, sprockets, wire rope, and cables. When used for cable coating, the diluent allows the lubricant to penetrate into the core, thus carrying the lubricant into the individual strands and minimizes wear as the cable is run through sheaves or onto a winch drum.

### Characteristics

- contains tackifiers, product is tacky
- rust and corrosion preventive
- reduces noise
- improved water resistance against cold, hot and salt water
- antiwear characteristics
- prevents seizing and rusting

### Applications

- for lubrication of open, slow running toothed gear rings, that works under rough conditions, f.e. in cement factories
- for wire ropes at elevator and escalator
- for lubrication of pinion-jacks, disk mills, tooth fly-wheels and toothed gears of all kinds
- recommended for all types of open gears, wire ropes, and cables
- provides lubrication for mining equipment including: girth and pinion gears on rod and ball mills; rack and pinion gears on shovel dipsticks; and swing and pinion gears on top of the lower frame of shovels and draglines, which are sometimes served with an automatic lubrication system.

### How To Use

Can be applied by brush, swab, spray gun, or by automatic lubrication systems

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Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered material.

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TECHNICAL DATAS	Specification	Unit	
Name	DIN 51513		BC-V
Base Oil			Mineral Oil
Solvent			hydrocarbon
Color			black
Density at 15°C	SEB 181301	kg/m³	1050
Viscosity at 20 °C	DIN 51562	mm²/s	ca. 10000
Viscosity at 100 °C	DIN 51562	mm²/s	ca.500
Temperature Range		°C	-25 - +80
Water Washout	DIN 51807	Grade	0-90
VKA-value	DIN 51350 T4	N	2000
Cold resistance	MIL-G-3278 A	°C	-25

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