

# KASSILLA GMP



*Lubrication*



**Mineral oil with solid lubricants for enclosed gears.**

## APPLICATIONS

**Enclosed gears, journals, couplings**

- **KASSILLA GMP** has been specially formulated for lubricating enclosed gears operating under heavy and with shocks loads:
  - bevel and spur gears
  - bearings and gear couplings
  - worm gears

**KASSILLA GMP** is particularly recommended for use in the iron and steel, cementmaking, papermaking, mining, quarrying and similar industries.

## SPECIFICATIONS

**International specifications**

- DIN 51517 Part 3 Group CLP
- API GL4
- ISO 6743-6 Category CKE
- CINCINNATI MILACRON

**Manufacturers**

## ADVANTAGES

- Very high anti-wear and extreme-pressure properties due to the presence of graphite and molybdenum disulphide: better oil film resistance ensuring greater protection for heavily loaded gears exposed to substantial shocks and against wear due to "micropitting".
- Very high oxidation resistance: longer oil bath life.
- Lower energy consumption.

Warning:

- **Not compatible with polyglycols lubricants**
- **Solid additives may cause their separation if the product is not regularly stirred.**

TYPICAL CHARACTERISTICS	METHODS	UNITS	KASSILLA GMP					
			150	220	320	460	680	1000
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	895	899	904	906	924	928
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	153	225	327	449	720	996
Pour point	ISO 2592	°C	- 24	- 21	- 18	- 9	- 9	- 6
Open cup flash point	ISO 3016	°C	224	226	226	240	244	246
Test FZG	DIN 5134/2		> 13	> 13	> 13	> 13	> 13	> 13
Micropitting test	FVA 54/I-IV		-	10 High 10 High				
- fail stage		-						
- classification		-						
- endurance phase		-						
- classification		-	-	High				

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS INDUSTRIE**

14-05-2019 (supersedes 05-03-2012)  
KASSILLA GMP  
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from [www.quick-fds.com](http://www.quick-fds.com).