

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.

TYPICAL CHARACTERISTICS	METHODS	UNITS	KASSILLA GMP							
			150	220	320	460	680	1000	1200	1500
Density at 15 °C	ISO 3675	kg/m ³	895	899	904	906	924	928	932	938
Viscosity at 40 °C	ISO 3104	mm ² /s	153	225	327	449	720	996	1200	1500
Pour point	ISO 2592	°C	- 24	- 21	- 18	- 9	- 9	- 6	- 5	- 4
Open cup flash point	ISO 3016	°C	224	226	226	240	244	246	>246	>246
Test FZG	DIN 5134/2		> 13	> 13	> 13	> 13	> 13	> 13	>13	>13
Micropitting test	FVA 54/I-IV		-	10 High 10 High						
- fail stage		-								
- classification		-								
- endurance phase		-								
- classification		-								

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE
16-09-2019
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.