CARTER EP



Lubrication

Mineral oils for enclosed gears.

APPLICATIONS

Enclosed gears, bearings, couplings

- **CARTER EP** has been specially designed for lubricating enclosed gears operating under severe conditions:
  - bevel and spur gears
  - bearings and gear couplings
  - worm gears.

SPECIFICATIONS

International specifications

Manufacturers

- DIN 51517/3 - CLP
- ISO 12925-1 CKSMP
- AGMA 9005 – F 16 Antiscuffing
- JIS K2219. 2006 (class 2)
- DAVID BROWN S1.53.101 E
- AIST 224
- FLENDER Chart AS 7300

ADVANTAGES

- Excellent extreme-pressure and anti-wear properties.
- Perfect seal compatibility.
- Very good resistance to oil oxidation and degradation.
- Oustanding protection to rust and corrosion of copper alloys.
- Very good resistance to foaming and emulsion formation.

HANDLING OPERATIONS - HEALTH - SAFETY

- CAUTION: not compatible with polyglycol base oils.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER EP							
			68	100	150	220	320	460	680	1000
Density at 15 °C	ISO 3675	kg/m^3	875	882	889	895	901	895	894	937
Viscosity at 40 °C	ISO 3104	mm^2/s	68	100	150	220	320	460	680	1000
Viscosity at 100 °C	ISO 3104	mm^2/s	8.9	11.3	14.7	19	24.3	34.5	45	43,5
Viscosity index	ISO 2909		106	98	97	97	97	113	112	80
Open cup flash point	ISO 2592	°C	228	222	238	244	248	246	224	244
Pour point	ISO 3016	°C	- 33	- 27	- 24	- 18	- 12	- 12	- 24	-24
FZG A/8,3/90	DIN 51 354/2	Fail stage	14 Pass	14 Pass	14 Pass	14 Pass	14 Pass	14 Pass	12 Pass	12 Pass
FZG Micropitting	FVA 54	Fail stage	-	10 high	10 high	10 high	10 high	10 high	10 high	10 high
GFT class										

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
04-07-2019 (supersedes 01-12-2015)
CARTER EP
1/1

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A specification Data sheet and Safety Data Sheet in the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.

TOTAL Classification: Restricted Distribution
TOTAL - All rights reserved