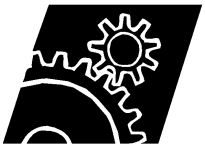
CARTER EP



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 Part III
- ISO 12925-1 CKSMP
- AGMA 9005 – F 16 Antiscuffing
- JIS K2219. 2006 (class 2)
- DAVID BROWN S1.53.101 E
- AIST 224
- FLENDER 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	230	233	227	270	264	256	258	244
Pour point	ISO 3016	°C	- 24	- 21	- 21	- 21	- 15	- 12	- 12	- 9
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.

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.