# **CARTER EP**





#### 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

- DIN 51517 Part III
- ISO 12925-1 CKSMP
- AGMA 9005 F 16 Antiscuffing
- JIS K2219. 2006 (class 2)
- DAVID BROWN \$1.53.101 E
- AIST 224
- FLENDER AS 7300

#### **ADVANTAGES**

Manufacturers

- 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**

<u>CAUTION</u>: 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 <sup>3</sup>	875	882	889	895	901	895	894	937
Viscosity at 40 °C	ISO 3104	mm²/s	68	100	150	220	320	460	680	1000
Viscosity at 100 °C	ISO 3104	mm²/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						
GFT class							_		_	1

Above characteristics are mean values given as an information.

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