CARTER EP 680



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

- DIN 51517 Part 3- CLP
- ISO 12925-1 CKSMP
- AGMA 9005 – E02 (EP)

Manufacturers

- DAVID BROWN S1.53.101 E
- AIST 224
- JIS K2219:2006 (Class2)
- FLENDER

ADVANTAGES

- Excellent extreme-pressure and anti-wear properties.
- Good 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.

YPICAL CHARACTERISTICS	METHODS	UNITS	CARTER EP 680
Density at 15 °C	ISO 3675	kg/m^3	894
Viscosity at 40 °C	ISO 3104	mm^2/s	680
Viscosity at 100 °C	ISO 3104	mm^2/s	40.9
Viscosity index	ISO 2909		100
Open cup flash point	ISO 2592	°C	224
Pour point	ISO 3016	°C	- 24
FZG A/8,3/90 – A/16.6/90	DIN ISO 14635-1	Load stage	> 12
FZG - Micropitting	FVA 54/7	Damage load stage	pass 10 high

The above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
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CARTER EP 680
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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.

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