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

- DIN 51517 Part 3 ⇒ group CLP
- ISO 12925-1 CKD
- AGMA 9005 - D94 EP

Manufacturers

- CINCINNATI MILACRON
- DAVID BROWN
- AISI 224
- SEB 181226

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 oils based on polyglycols.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER EP							
			68	100	150	220	320	460	680	1000
Density at 15 °C	ISO 3675	kg/m^3	885	888	892	893	899	903	905	937
Viscosity at 40 °C	ISO 3104	mm^2/s	68,1	107,0	153,4	216,9	319,1	452,2	665,6	1000,0
Viscosity at 100 °C	ISO 3104	mm^2/s	8,7	11,8	14,8	18,5	23,7	29,9	34,5	43,5
Viscosity index	ISO 2909		99	98	96	95	93	95	82	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	> 13	> 13	> 13	> 13	> 13	> 13	> 13	> 13
FZG Micropitting	FVA 54	Fail stage	-	-	-	10 +	10 +	10 +	10 +	10 +
GFT class			-	-	-	high	high	high	high	high

Above characteristics are mean values given as an information.