

CARTER PLUS



Lubrication



Mineral oils for enclosed gears.

APPLICATIONS

Enclosed gears, bearings, gear coupling systems

- **CARTER PLUS** are industrial gear oils especially designed for the lubrication of all industrial gear systems operating under very high load :
 - Industrial spur , helical and bevel enclosed gears (splash and circulation)
 - Bearings and gear coupling systems.

SPECIFICATIONS

internationals
Spécifications
Manufacturers

- ISO 6743-6 category CKC
- ISO 12925-1 category CKC
- COCKERILL FT 163
- MÜLLER WEINGARTEN

ADVANTAGES

- Very good anti-wear properties.
- Very good seals compatibility.
- Good anti-rust properties.
- Good thermal stability.
- Outstanding Extreme- Pressure properties.

HANDLING OPERATIONS - HEALTH - SAFETY

- **CAUTION** : non compatible with the oils based on polyglycols.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER PLUS		
			150	220	320
Density at 15°C	ISO 3675	kg/m ³	895	899	902
Viscosity at 40°C	ISO 3104	mm ² /s	154.2	234.0	329.0
Viscosity at 100°C	ISO 3104	mm ² /s	14.8	19.7	24,4
Viscosity Index	ISO 2909	-	95	96	96
Flash point O.C	ISO 2592	°C	194	214	202
Pour point	ISO 3016	°C	- 24	- 21	- 18
4 Ball EP – Weld load	DIN 51350	kg	500	500	550
4 Balls Wear – Scar Diameter	ASTM D 4172	mm	0.44	-	-
TIMKEN Test – OK Load	ASTM D 2782	lbs	60	-	-
BRUGGER Test		N/mm ²	188.4	-	-
FZG	DIN 51 354/2	-	> 12	> 12	> 13

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
09-12-2004
CARTER PLUS
1/1



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.