CARTER SG





Lubrication



Ultra high performance synthetic gear oil.

APPLICATIONS

Very high loaded gears in casing

 CARTER SG is a new generation of very high-performance synthetic gear lubricant for standard, crown, planetary, and worm gearboxes. The new polyalkylene glycol base oil technology provides a very high EP performances, very low friction coefficient and high sliding performances.

SPECIFICATIONS

International specifications

• DIN 51517-3 : CLP PG

● ISO 12925-1 CKT

ADVANTAGES

- Excellent shear stability and very high viscosity index.
- Excellent oxidation resistance and corrosion protection.
- Reduces operating temperatures due to low friction coefficient and increases energy efficiency compare to mineral and PAO base oil until 10 %.
- Reduces maintenance costs and extends equipments life time.

MANIPULATION

- CARTER SG are not miscible with esters, mineral and synthetic hydrocarbons base oils.
- CARTER SG absorbs more water than mineral and PAO base oil. Regular oil analysis with ANAC INDUS can optimize draining frequencies and increase gearboxes lifetime.
- Compatible with NBR, FKM seals.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CARTER SG						
Viscosity grade	ISO 3448	ISO VG	100	150	220	320	460	680	1000
Aspect - Color			Translucent – Slightly amber						
Viscosity at 40°C	ISO 3104	mm²/s	100	150	220	320	460	680	1000
Viscosity at 100°C	ISO 3104	mm²/s	18.2	27,2	39.1	54.6	74.8	109.5	157.5
Viscosity index	ISO 2909	-	209	219	231	238	244	260	275
Density at 15 °C	ISO 3675	Kg/m ³	1.078	1.083	1.093	1.101	1.11	1.109	1.109
Pour point	ISO 3016	°C	- 56	- 35	- 30	- 30	- 30	- 30	- 31
Flash point	ISO 2592	°C	246	240	240	240	238	240	260
Oxydation stability - Viscosity variation(%)	ASTM D2893	%	< 6						
FZG test A/8,3/90°C	DIN 51354-2	-	>13						
FAG Fe8 Wearing	DIN 51819-3	Roller (mg)	< 30						
		Cage (mg)	< 50						

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS INDUSTRIE 06-03-2019 (supersedes 07-10-2015) CARTER SG 1/1

