



CARTER SG

Synthetic lubricant (PAG) for enclosed gear drives

Applications

Worm drives, bevel and spur gears

- Lubrication of gear drives operating under severe conditions: high loads, high temperatures peaks and corrosive atmospheres
- Non miscible with mineral oils

Specifications

International specifications

- DIN 51517 Part 3 - CLP
- ISO 12925-1 category CKE

Approvals

- DANIELI
- Meets the specifications of the main gearbox manufacturers

Advantages

- Superior resistance to oxidation and high thermal stability leading to reduce maintenance downtime
- Very high natural viscosity index and superior low friction coefficient leading to energy savings
- Excellent level corrosion protection (tested with sea and acidic water)
- Excellent extreme-pressure and anti-wear properties
- Very good foaming behavior

TYPICAL CHARACTERISTICS	METHODS	UNITS	Carter SG						
			100	150	220	320	460	680	1000
Aspect- Color			Translucent- Slightly amber						
Viscosity at 40°C	ISO 3104	mm ² /s	100	150	220	320	460	680	1000
Viscosity at 100°C	ISO 3104	mm ² /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
Oxidation 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



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