

SINTOGEAR 70

Synthetic base lubricant for all types of industrial gears

NORMS & SPECIFICATIONS

- DIN 51517-3 : CLP
- ISO 6743-6 : CKC

- US STEEL 224
- AGMA 250-04
- CREUSOT LOIRE K/KS

APPLICATIONS

- Reduction gear boxes working under heavy load and temperatures.
- Bearing lubrication by circulation or splash subjected to severe temperature variations

MAIN PROPERTIES

High viscosity index prevents overheating of oil and remains fluid at cold.

The antioxidant properties allow larger oil change intervals, far superior as obtained by conventional oils.

Extreme pressure properties increase the life of parts.

Perfectly miscible with mineral oils and is compatible with paints and the gaskets generally used.

TECHNICAL CHARACTERISTICS

SINTOGEAR 70 covers ISO grades 220 & 320 applications

AVERAGE CHARACTERISTICS	UNIT	AVERAGE VALUES	METHODS
SINTOGEAR		70	
Color		Fluo Green	
Density at 15°C	kg/m ³	884	NFT 60101
Viscosity at 40°C	mm ² /s	256	NFT 60100
Viscosity at 100°C	mm ² /s	36,1	NFT 60100
Viscosity index		191	NFT 60136
Flash Point	°C	258	NFT 60118
Pour Point	°C	< -24	NFT 60105
Steel Anti rust properties		Pass	ASTM D 665 A/B
Anti corrosion power on copper blade		1b	ASTM D 130
Anti-wear properties on bearing FZG		>13	DIN 51354
Test Timken – OK load	Lbs	>70	ASTM D 2782
4 balls Test :			
- Load wear index LWI	Kg	50	
- Welding field	Kg	250	
Demulsibility (in minutes)		37 (10)	ASTM D 1401
Foam Test, Seq I,II,III	ml/ml	<20/0	
Tendency / Stability	ml/ml	<50/0	ASTM D 892
		<20/0	