

SYNDUS SP

EXTREME PRESSURE SYNTHETIC LUBRICANTS
FOR INDUSTRIAL GEARS AND BEARINGS



APPLICATIONS

SYNDUS SP are synthetic lubricants based on PAO (Polyalphaolefins) and esters for gears (ISO grades 150 to 460) and for "long life" bearings (ISO grades 68 and 150) for low and high temperatures use.

BENEFITS

- Strengthened extreme pressure performances
- Very good anti-rust and anti-corrosion protection
- Very high and stable natural viscosity index
- Excellent resistance to oxidation allowing the increase of the draining intervals
- Good desmulsibility
- Anti-foam properties
- Miscible with mineral oils

PERFORMANCES

PERFORMANCE LEVELS

AGMA 9005-E02
NF ISO 6743-6 L-C KT
DIN 51517 Part 3 CLP
US STEEL 224

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
			68	150	220	320	460
ISO grade	-	-	68	150	220	320	460
Specific gravity at 20°C	kg/m ³	NF T 60-101	845	852	841	846	851
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	67,5	145,8	234,9	300,7	417,9
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	10,5	19	27,8	32,6	39,8
Viscosity index	-	NF T 60-136	144	148	154	150	144
Pour point	°C	NF T 60-105	-45	-33	-33	-33	-30
Flash point	°C	NF T 60-118	220	220	222	224	220

This typical data is given for information only

SYNDUS SP ISO grade 220 has the following characteristics :

Copper corrosion 3 h at 100°C	NF M 07015	1b
Foaming (ml) sequences I, II, III	NF T 60129	0 / 0
Timken OK value (lb)	ASTM D 2782	65
4 ball test :		
- Welding load (kg)	ASTM D 2783	250
- Wear diameter (mm)	ASTM D 4172	0,3
FZG	DIN 51354 / 2	reaches stage 12

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used oils.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your disposal.