

SYNDUS SP

SYNTHETIC LUBRICANTS FOR INDUSTRIAL
GEARS AND BEARINGS

230099-230100-230101-230102-230104/04.12

Rev. 1

DESCRIPTION & APPLICATIONS

SYNDUS SP are synthetic long-life lubricants (PAO based) for gears and bearings for low and high temperatures.

ADVANTAGES

- Strengthened extreme-pressure performances, FZG level 12.
- 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 demulsibility.
- Anti-foam properties.

PERFORMANCES

Satisfies to the following specifications:

AGMA 9005-F16 AS
ISO 11158
US STEEL 224
DIN 51517 Teil 3
DAVID BROWN S1.53.101

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

SYNDUS SP

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
ISO VG	-	-	46	150	220	320	460
Specific gravity at 15°C	kg/m ³	NFT 60101	840	850	852	846	857
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	46	150	216	301	425
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	8,1	20,2	25,8	32,6	42
Viscosity index	-	NFT 60136	150	153	151	150	150
Flash point (PMCC)	°C	ASTM D 93	> 200	> 200	> 200	> 200	> 200
Pour point	°C	NFT 60105	-47	-39	-36	-33	-33
Product number	-	-	230100	230101	230099	230104	230102

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	< 0,3
OK Load	lbs	TIMKEN	> 60
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	< 0,3
Copper corrosion	-	ASTM D 130	1a/1b
Antiwear and EP characteristics	-	FZG test	>12

The average values are given for information only.