

Gear SP 220

EXTREME PRESSURE LUBRICANTS
FOR INDUSTRIAL GEARS

263528/07.17

Rev. 1

DESCRIPTION & APPLICATIONS

GEAR SP oils are excellent lubricants with extreme pressure and anti-wear properties for the lubrication of gears with crankcase.

- Gearboxes;
- industrial gear;
- gearboxes and reverse clutch (Navy);
- transmission chains in housings.
- very slow or dead interval bearings are lubricated with oil;
- heavy duty bearings.

ADVANTAGES

- EP, anti-wear and anti-oxidation properties.
Free of lead and chlorine.
Stable natural viscosity indexes.
Low pour points.
Not aggressive towards non-ferrous metals (copper trading: 1a).
Good water separation.
- Very stable product.
- Does not attack brass components.
- Very good water repellent.
- High protection against rust and corrosion.
- Low freezing point.

PERFORMANCES

Satisfies to the following specifications:

AGMA 9500-E02
API GL4
DAVID BROWN S1.53.101
DIN 51502 CLP EP
DIN 51517 Teil 3
ISO 6743 CKD
US STEEL 224

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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.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Antiwear and EP characteristics	-	FZG test	12
4 Ball weld load	kg	ASTM D2596	250
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	0,30
OK Load	lbs	TIMKEN	75
Copper corrosion	-	ASTM D 130	1a/1b
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,5

The average values are given for information only.