

ESCA Gear PG 150

Polyalkylene glycol (PAG) based gear lubricant for the food industry

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Rev. 3

DESCRIPTION & APPLICATIONS

ESCA Gear PG 150 is a poly(oxypropylene)glycol-based product designed primarily for applications involving worm gears and/or chains in the food- and feed industry.

The ESCA GEAR PG 150 features a high viscosity index, low pour point, clean burn properties that ensure a sludge-free operation over a wide range of temperatures, is water insoluble and can be used in a vast range of applications.

ESCA H1 lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

ADVANTAGES

- High load bearing properties support application in worm gears.
- Good heat transfer behavior.
- In the case of very high temperatures ESCA Gear PG does not leave black carbon or sticky residues: The decomposition products are volatile or are solubilized into the liquid.
- Increased oxidative stability.
- Extends equipment life.

PERFORMANCES

Satisfies to the following specifications:

InS H1

HALAL

KOSHER

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.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
ISO VG	-	-	150
Kinematic viscosity at 40°C	mm ² /s.	ASTM D445	121
Kinematic viscosity at 100°C	mm ² /s.	ASTM D445	24
Viscosity index	-	ASTM D2270	232
Flash point (COC)	°C	ASTM D 92	250
Pour point	°C	ASTM D97	-45
INS registration number	-	-	1811248

The average values are given for information only.