



ESCA GEAR PG220 (20L)

Esca Food Grade, Gear

PAG

U212382

9/2/2025

V 25.4

PAG based Foodgrade Gear oil ISO-VG 220

DESCRIPTION

ESCA Gear PG 220 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 220 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 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 oxidation stability.
- Extends equipment life.

SPECIFICATIONS

ACEA: -, **API:** -,

NORMS / APPROVALS: Halal, Kosher, DIN 51517-3 CLP PG, 2Probiy Foodgrade H1 + HX-1 :, ESCA GEAR PG 220 #GF0829327

SPECIFICATIONS: NSF registration 1811249

RECOMMENDATIONS: Kosher, Halal

AVAILABILITY

	Bulk	IBC	Barrel	60L/53kg	20L steel	20L/ 18 kg plastic	4X5L	12X1L Specials	small / 400 gr
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TECHNICAL DATA

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PROPERTIES	UNIT	METHOD	VALUE
ACEA	Association Constructeurs Européennes de l'Automobile		-
API	American Petroleum institute		-
SAE / ISO-VG / NLGI			220
COLOUR	Visual		
Density @ 15°C	kg / L	ASTM D1298	
Pourpoint	°C	ASTM D97	-35
Flashpoint COC	°C	ASTM D92	250
Cinematic Viscosity @40°C	cSt	ASTM D7279	225
Kinematic viscosity @ 100°C	cSt	ASTM D7279	40
(V.I.) Viscosity index		ASTM D2270	232
Copper Corrosion		ASTM D130	
Anilinepoint	°C	ASTM D611	
Noack evap	% w/w	ASTM D 5800	
Sulphated Ash	% weight		

For guidelines on emergencies, handling and storage etc., please refer to the SDS/MSDS. This is available on request. Storage of the product: 3 years in a sheltered environment, unopened.

Any handling/disposal/liquidation of the product must comply with local regulations for petrochemicals. Advice will be given on request.