

## CIBUM GEAR FLUID HD 220



### PRODUCT DESCRIPTION

CIBUM GEAR FLUID HD 220 is based on polyalkylene glycols oil and polymers with high performance additives.

Especially suitable for high load applications in food and pharmaceutical processing industries. With a wide temperature range plus excellent oxidation stability which result in extended lubrication intervals thus reducing operating costs in gears.

CIBUM GEAR FLUID HD 220 is not miscible with mineral oils and polyalphaolefin oils. Therefore, we recommend to clean the oil circulation system before using CIBUM GEAR FLUID HD 220 for the first time. Compatible with most seal gaskets normally used in food machinery lubrication systems. A compatibility test is always recommended to be carried out. (e.g. EPDM)

CIBUM GEAR FLUID HD 220 is registered under No 171665 at NSF according to H1 regulations for lubricants with incidental food contact. CIBUM GEAR FLUID HD 220 does not contain any mineral oils to be able to meet the EU Commission Recommendation 2017/84 of 16 January 2017 (MOSH & MOAH). It is manufactured in a ISO 21469 certified facility

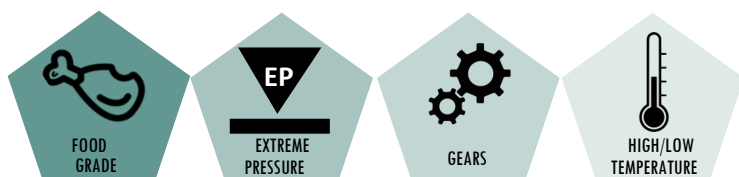
### TECHNICAL DATA

Base Oil	Synthetic Oil	
Colour	Visual	Transparent
Density	ISO 12185	1022 Kg/m <sup>3</sup>
ISO Grade	ASTM	220
Viscosity Index	ISO 2909	> 210
Base Oil Viscosity at 40° C	ISO 3104	221,8 cSt
Base Oil Viscosity at 100° C	ISO 3104	36,6 cSt
Flash Point	ISO 2592	289° C
Pour Point	ISO 3016	-35° C
Timken OK Loads, lbs	45	
4-ball Wear Scar	ISO 20623	0,37 mm
Copper Corrosion (3h/100° C)	ISO 2160	1a
Recommended Temperature range	-30° C to +150° C	
Rust Test Method A (Distilled Water)	ASTM D665	Pass
Rust Test Method B (Synthetic Sea Water)	ASTM D665	Pass

*Fulfill HLP requirements*

*Excellent resistance to shear*

*Suitable for separators and centrifuges*



**Shelf life:** 5 years from date of manufacture, Batch coding durability are printed on label to each unit.

**Storage:** Store unopened in 5° - 20° C, must be stored dry and away from products with odors.

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