

DESCRIPTION

High performance synthetic gear oils.

APPLICATIONS

- All type of gears and worm gears working in extreme conditions of temperatures, load and speed.

EPONA SA range brings a high level of working safety in comparison with mineral oils.

PROPERTIES

- Very high viscosity index.
- Low pour point.
- Excellent anti-wear and extreme pressure properties.
- Very good resistance to oxidation.
- Good resistance to hydrolysis.
- Good anti-rust properties.
- Good compatibility with seals.
- Miscible with mineral-based gear oils.

APPROVALS

EPONA SA range are approved by ALFA LAVAL and WESTPHALIA for the lubrication of the bearings of separators.

CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	EPONA SA	
			220	320
ISO Grade			220	320
Density at 15 °C	ISO 3675	kg/m ³	857	860
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	220.1	313.8
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	26.2	34.6
Viscosity index	ISO 2909		152	155
Flash Point (COC)	ASTM D 92	°C	> 250	> 260
Pour Point	ISO 3016	°C	- 45	- 42
FZG Test A/8.3/90	DIN 51 354/2	-	> 13 th	> 13 th
FZG Micropitting FVA 54 IIV	ASTM D 2896	-	10 th	10 th

Characteristics of this chart are indicative typical values

HANDLING, HEALTH AND SAFETY

Lubricants consisting of synthetic oils with specific additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available on [www. quickfds.com](http://www.quickfds.com) or www.lubmarine.com.

The values shown above are typical values at the date of publication. TOTAL Lubmarine reserves the right to change these typical values without prior notice.



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