

## DESCRIPTION

Synthetic ester lubricants.

## APPLICATIONS

- Reciprocating air compressors.
- Heavy duty turbo-chargers.
- Vacuum pumps.

## PROPERTIES

- ISO 6743 classified DAC and DAJ for heavy duty application.
- Complies with DIN 51506 specifications.
- Exceptional resistance to oxidation.
- High chemical stability in very high temperature conditions.
- High thermal conductivity.
- Low volatility.
- Low pour point.
- Anti-corrosive properties.

**BARELF CH** are compatible with the following materials:

- Seal : butadiene (BR), fluorous (F.P.M.) "VITON", nitrile (if the percentage of nitrile is above 36), polysulphur (T) "THIOKOL".
- Paint : epoxy resin, phenolic baking, hydrostable urethane, or two-component urethane.
- Plastic : P.T.F.E. "FLUON", "TEFLON", polyamides "NYLON" "RILSAN", polyoxymethylene "DELRIN", polycarbonate.

## APPROVALS

- Reciprocating compressors: HATLAPA, TANABE.
- Turbochargers: ABB

## CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	BARELF CH	
			68	100
ISO Grade			68	100
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	962	960
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	68	110
Kinematic viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	8.9	11.3
Flash Point (COC)	ASTM D 92	°C	>260	>260
Carbon Conradson Residue	NF T 50-116	% mass	traces	traces
Pour Point	ISO 3016	°C	- 36	- 30

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](http://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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