BARELF CH
68 & 100

Auxiliary Synthetic Lubricants

+ 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.

Description
Synthetic ester lubricants.

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

Approvals
+ Reciprocating compressors: HATLAPA, TANABE
+ Turbochargers: ABB

Features and Benefits
+ ISO 6743 classified DAC and DAJ for heavy duty application.

Typical Characteristics

	Methods	Units	68	100
ISO Grade			68	100
Density at 15°C	ISO 3675	kg/m³	962	960
Kinematic viscosity at 40°C	ISO 3104	mm²/s	68	110
Kinematic viscosity at 100°C	ISO 3104	mm²/s	8.9	11.3
Flash Point (COC)	ASTM D 92	°C	> 260	> 260
Pour Point	ISO 3016	°C	- 36	- 30
Carbon Conradson Residue	NFT 50-116	%	traces	traces

Characteristics of this chart are indicative typical values.

Handling, Health & 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 at: www.quickfds.com and www.totallubmarine.com