

DESCRIPTION

PAO synthetic oils.

APPLICATIONS

- Turbo-chargers with integral lubrication system.
- Rotary screw compressors with or without oil injection.
- Rotary vane compressors with oil injection.

PROPERTIES

- High chemical stability and resistance to oxidation.
- High viscosity index.
- Anticorrosion properties.
- Compatibility with elastomers, plastics and usual paints.

SPECIFICATIONS

BARELF SM complies with the following standardisations.

- Average service ISO / DP 6743 symbol DAH
- Severe service ISO / DP 6743 symbol DAJ

APPROVALS

OEM's approvals:

- Screw compressors: SAUER & SOHN, TAMROTOR
- Turbochargers: ABB

CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	BARELF SM	
			46	68
ISO Grade			46	68
Density at 15 °C	ISO 3675	kg/m ³	841	845
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	46	68
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	7.6	10.7
Viscosity Index	ISO 2909		139	147
Flash Point (COC)	ASTM D 92	°C	255	262
Pour Point	ISO 3016	°C	< - 42	< - 42

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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