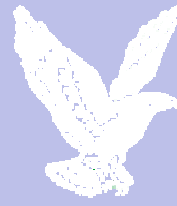
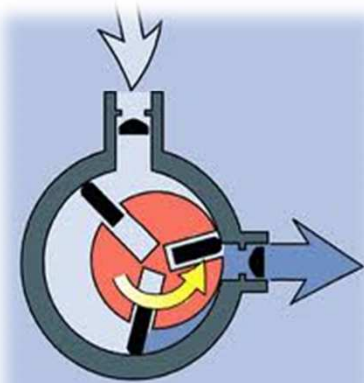
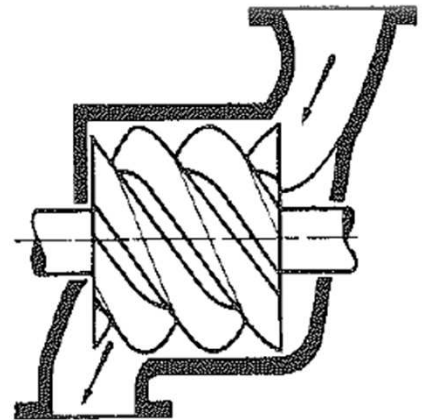
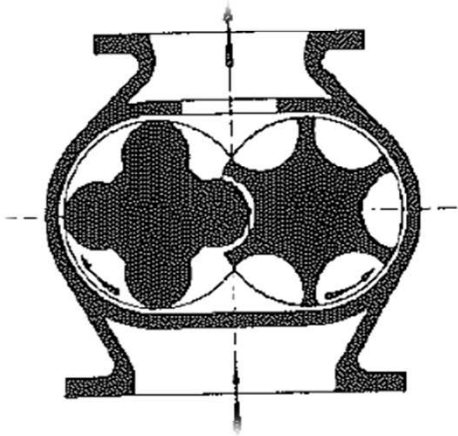


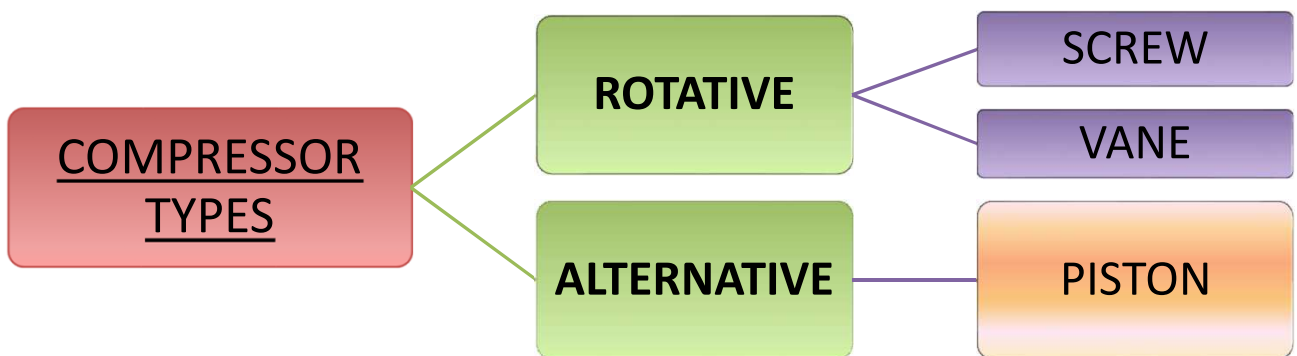
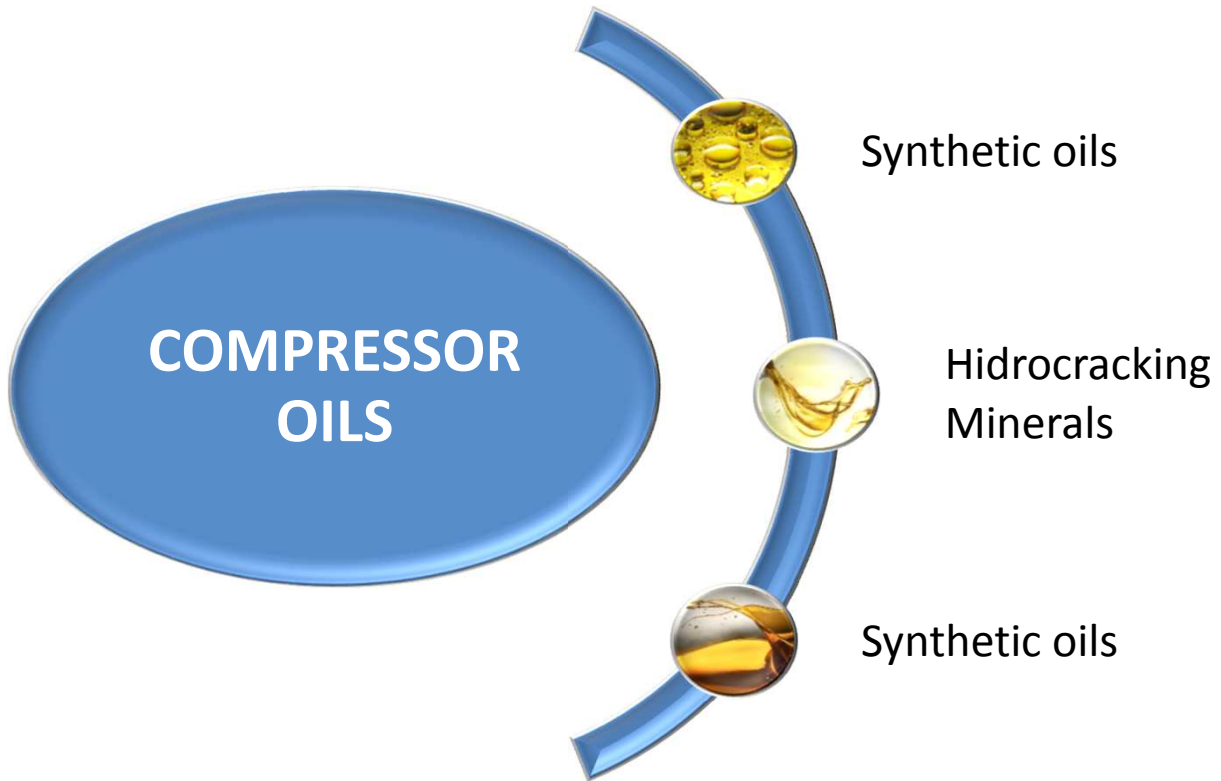
# Brugarolas



Industrial Lubricants



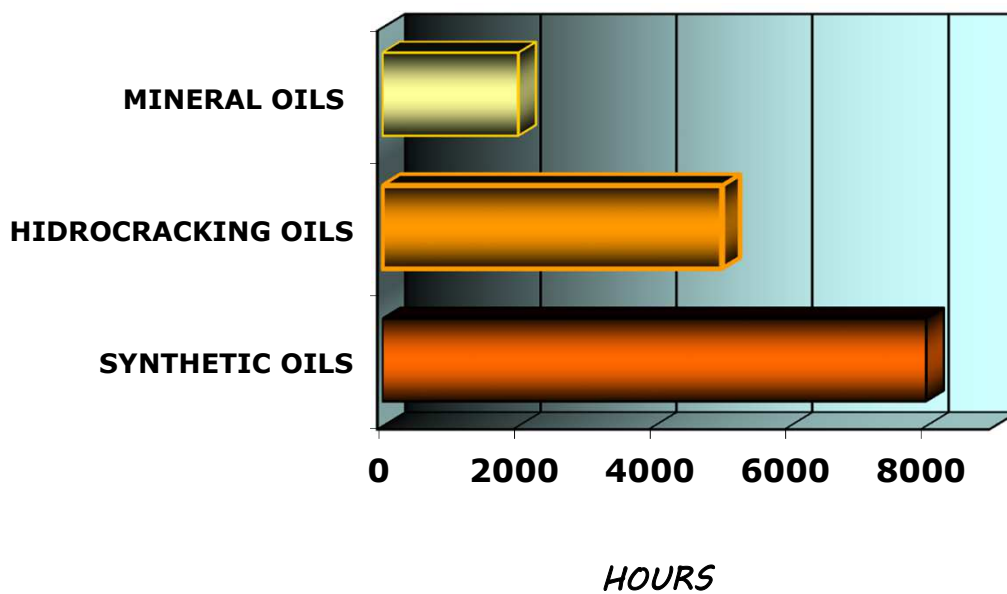
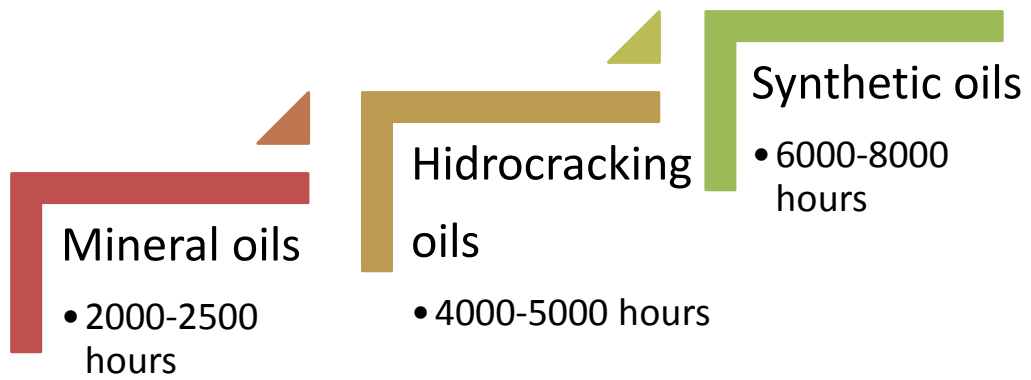
## VACUUM PUMP & COMPRESSOR OILS





## SCREW COMPRESSORS

### OIL CHANGES





## SCREW COMPRESSORS

### 2000 hour COMPRESSOR OIL

#### **BESLUX AIRLUBE 46**

Very high quality mineral oil, with high anti-aging performant additives.  
Excellent demulsibility index, which allows to drain humidity easily and effectively  
Inexpensive product for 2000 hour oil changes.

#### *Physical-Chemical Specifications*

Class/DIN 51506	VD-L
Viscosity Index	46
Nature	Mineral
Viscosity at 40 °C	41.4 / 50.6 cSt
Viscosity at 100 °C	6.5 cSt
Flash point	195 °C, Mín.
Pour point	- 9 °C, Máx.
Copper corrosion 3 h / 100 °C	1 a
Steel corrosion (Distilled water)	Pass
Demulsibility	40 / 40 / 0 (30 min.)
Acid Index	0.30 mgKOH/gr.
4 ball-test	
(Wear scar diameter 1 h / 40 Kgs.)	0.5 mm.

### 4000-5000 hour COMPRESSOR OIL

#### **BESLUX AIR-CRK 46**

Hydrocracking and synthetic base product.  
New highly anti-aging resistant formulation.  
Excellent demulsibility index and low evaporation which allows compressors to work at higher temperatures than normal.  
Reduces consumption and maintenance.

#### *Physical-Chemical Specifications*

Class s/DIN 51506	VDL
Viscosity Grade	46
Density at 20 °C	0.847 g/ml
Viscosity at 40 °C	41.4 / 50.6 cSt
Viscosity Index	120 Mín.
Flash point	240 °C, Mín.
Pour point	-34 °C
Copper corrosion 3 h / 100 °C	1 a
Steel corrosion (Distilled water)	Pass
Acid Index	0,30 mgKOH/g
Demulsibility Index	40/37/3 (15 mín.)
Foam test	Sec. I ---- 20/0
	Sec. II ---- 20/0
	Sec. III ---- 30/0



Industrial Lubricants

Technical Data Sheet

# COMPRESSOR & VACUUM PUMP OILS



## SCREW COMPRESSORS

### 6000-8000 hour COMPRESSOR OIL

#### **BESLUX ULTRASINT 46**

- Synthetic type PAO base product
- Low evaporation level and excellent aging properties
- Does not generate carbon residue. Excellent water resistance and very good separation from it.
- Reduces maintenance.
- Improves working temperature of the compressor..
- Energetic savings of 3% approximately.
- Very good low temperature properties.
- Reduces carbon residue, due to low consumption and allows to extend time service

#### *Physical-Chemical Specifications*

Viscosity grade (ISO-3448)	46
Viscosity at 40°C, cSt	41.4 – 50.6
Viscosity Index	130 mín.
Flash point, °C	240 mín.
Pour point, °C	-42 máx.
Acid Index, mg KOH/g	0,6 máx.
Demulsibility, ml.	40/37/3 (30') máx.
Copper corrosion 3h/100°C	1b, máx
Steel corrosión	Pasa

### 8000 hour COMPRESSOR OIL

#### **BESLUX AIR SPEED IRS**

- Synthetic type PAG base product.
- Low evaporation and excellent aging properties
- Does not generate carbon residue
- Excellent water pollution resistance
- Long time service
- Energetic saving to 3% approximately
- Improves the working compressor temperature.
- Very good performance at low temperatures
- Reduces carbon residue due to the low consumption rates achieved and long term oil changes.
- Specially recommended for high temperature working compressors

#### *Physical-Chemical Specifications*

Viscosity at 40°C, cSt	46
Viscosity at 100°C, cSt	9,68
Viscosity Index	183
Flash point, °C	262
Pour point, °C	-45 máx.
Steel corrosion (distilled water)	Pass
Density at 20°C	0,995 g/ml



## VACUUM PUMP OILS

Special mineral and synthetic oils, specially recommended for vacuum oil sealing mechanical pumps and rotary vane pumps/compressors.

Our oils allow to have up to  $10^{-3}$  bar vacuum.

In order to choose the oil type, it is very important to know the type of gas that is going to be pumped.

For gases like air, noble gases and other non-reactive gases, we can use mineral oils.

For solvent gases and aggressive gases, synthetic oils are more suitable.

Vacuum pump oils, must have a low vapor pressure at pump service temperature in order to obtain the vacuum level needed.

Our mineral oils for vacuum pumps are made from distillation of narrow fractions, with the objective to avoid volatile fractions.

In order to obtain the highest performance achievable with mineral oils, our products are mixed with additives with specific anti-aging, antiwear and ashless additives.

Before we change oil type, we have to analyze the composition of this one, and proceed with a scrupulous cleaning process of the pump components in contact with it, including filters.

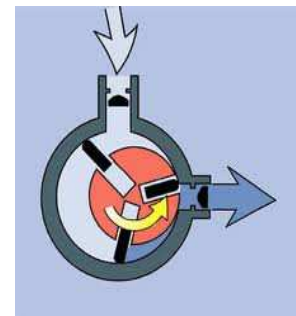
### DENSOLINA VAC

Formulated with excellent mineral oil.

Low vapor pressure, this allows to generate up to a  $10^{-3}$  bar vacuum.

Very good oxidation resistance.

Excellent demulsibility properties.



### BESLUX AIRSINT 100

Synthetic ester oil formulated product.

Low vapor pressure, this allows to generate up to a  $10^{-3}$  bar vacuum.

Excellent oxidation resistance that enhances products long life.

Excellent demulsibility properties

### BESLUX AIR-ATOX 100

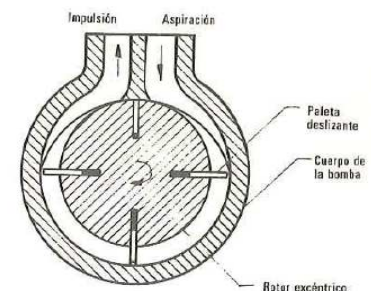
PAO based oil

NSF H-1 certification.

Low vapor pressure, this allows to generate up to a  $10^{-3}$  bar vacuum..


Very good oxidation resistance.

Excellent demulsibility properties.





## MAIN FEATURES

	COMPRESSOR TYPE				MAIN SPECIFICATIONS		
	PISTON	SCREW	VANE	VACUUM PUMP	ISO VG VISC.	DEMULSIBILITY INDEX	OIL TYPE
		✓			46	-----	Hydrocracking
BESLUX AIRSINT 32		✓		✓	32	40/37/3	Ester
BESLUX AIRSINT 100	✓		✓	✓	100	40/37/3	
BESLUX AIRSINT 150	✓		✓		150	40/37/3	
BESLUX ULTRASINT 46		✓			46	40/37/3	PAO
BESLUX AIR SPEED IRS		✓			46	-----	PAG
BESLUX AIR-ATOX 32		✓		✓	32	40/38/2	PAO
BESLUX AIR-ATOX 46		✓			46	40/38/2	
BESLUX AIR-ATOX 68	✓	✓	✓		68	40/38/2	
BESLUX AIR-ATOX 100	✓		✓	✓	100	40/38/2	
BESLUX AIR-ATOX 150	✓		✓				
BESLUX AIRLUBE 46		✓			46	40/40/0	MINERAL
BESLUX AIRLUBE 68	✓	✓	✓		68	40/40/0	
BESLUX AIRLUBE 100	✓		✓		100	40/40/0	
BESLUX AIRLUBE 150	✓		✓		150	40/40/0	
DENSOLINA VAC				✓	100	40/38/2	MINERAL



Industrial Lubricants

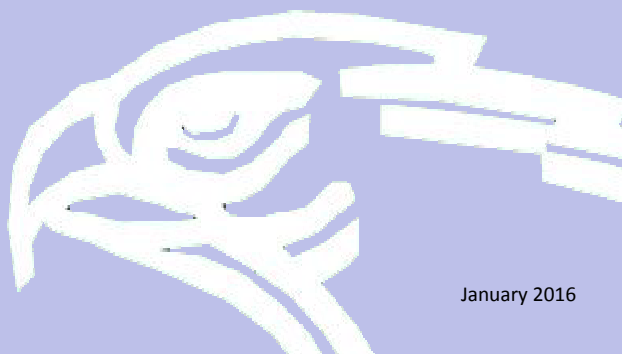
Technical Data Sheet

# COMPRESSOR & VACUUM PUMP OILS



Industrial Lubricants

BRUGAROLAS, S.A.  
Camino de la Riera 36-44  
Polígono Industrial Cova Solera  
08191 Rubí (Barcelona)  
Tlf: 93 588 31 00  
Fax: 93 588 31 01  
E-mail: [comercial@brugarolas.com](mailto:comercial@brugarolas.com)  
Web: [www.brugarolas.com](http://www.brugarolas.com)



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