



BESLUX BESARTIC M-32-46-68

LUBRICATING FLUIDS BASED ON MINERAL OIL FOR REFRIGERATION COMPRESSORS

DESCRIPTION AND ADVANTAGES

BESLUX BESARTIC M are lubricating fluids based on very high-quality mineral oils, specifically designed for use in refrigeration compressors that use ammonia as a coolant.

The products are formulated with mineral oils that have extraordinary resistance to oxidation and thermal degradation, as well as excellent fluidity at very low temperatures.

APPLICATION

BESLUX BESARTIC M are recommended for screw and piston refrigeration compressors that use ammonia (R717), whether its use is industrial or domestic. It is also recommended for compressors that use hydrocarbons as a propane type refrigerant (R290).

Those products are not recommended for another refrigerant gases used in refrigeration industry, other than those specified above.

COMPATIBILITY

BESLUX BESARTIC M have very low or zero solubility in ammonia. They are completely miscible with R290.

The products of this range are also miscible other mineral oils used in refrigeration compressors, as well as synthetic oils such as PAO or lubricants based on alkylbenzene.

QUALITY LEVELS

BESLUX BESARTIC M fulfils with DIN 51503 KAA and KE.

PHYSICAL-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	STANDARD	TIPIC VALUES		
		BESARTIC M-32	BESARTIC M-46	BESARTIC M-68
ISO viscosity grade	ISO 3448	32	46	68
Density at 20°C, g/ml	ISO 12185	0.859	0.84	0,865
Pour point, °C	ASTM D-97	-48	-39	-42

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The information contained in this document faithfully reflects our present technical knowledge, besides it provides a suitable description of the product characteristics and enumerates the different applications the product can be suitable for. In any case, the user will have to make sure of the adjustment of the product for each particular use. **Brugarolas S.A.** reserves the right to make modifications in the products after the date of edition of the present document in order to improve its quality and optimize its output. The values of the given physic-chemical characteristics are typical values. The specification sheets in force are at your disposal for each of the products.