



## MATRAX COMPRESS

### Description

Lubricant for air compressors formulated from various carefully refined paraffinic bases.

### Application

It includes a strict selection of additives that provide high thermal stability while maintaining the product's viscosity over a wide range of temperatures, as well as high resistance to oxidation.

It incorporates anti-wear additives responsible for increasing the load carrying capacity of the oil film under boundary lubrication and reducing the heat generated from the friction between moving surfaces.

Developed for lubrication in universal use compressors that operate in outdoor conditions subject to temperature variations. It is also recommended for equipment subjected to cold start conditions and continuous operation at high temperatures.

### Technical characteristics

High demulsibility capability: water separation additives prevent a reduction in oil viscosity and protect metal components from oxidation

High anti-wear performance: development of a protective film, preventing the risk of seizure by reducing friction

Thermal stability: associated with low volatility and reduced carbon formation, it reduces the risk of fire and explosion

Corrosion resistance: additives that reduce chemical attacks on metal surfaces by organic acids resulting from exposure to contaminants that oxidise the oil, providing extended periods of use

High resistance against foaming: the rapid release of air and the prevention of foaming ensure the reliability of operation and continuous availability of compressed air



## MATRAX COMPRESS

### Technical information

Parameter	<u>46</u>	<u>68</u>	<u>100</u>	<u>150</u>
Kinematic viscosity @40°C (cSt) ASTM D 445	46	68	100	150
Kinematic viscosity @100°C (cSt) ASTM D 445	6,7	8,6	11,1	14,6
Viscosity index ASTM D 2270	95	95	95	95
Density a 15°C (g/cm <sup>3</sup> ) ASTM D 1298	0,867	0,87	0,878	0,882
Flash point (°C) ASTM D 92	225	230	235	250
Freezing point (°C) ASTM D 97	-25	-15	-15	-15

### Approvals and Recommendations

DIN 51506 tipos VC-L y VD-L

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.