

MAXICER PREMIUM - Series

DESCRIPTION:

Special mineral oil ashes-free for lubrication of air compressors, vacuum pumps, hydraulic systems, and general greasing where those viscosities are required.

PROPERTIES & ADVANTAGES:

- ✓ Great thermal stability, low tendency to the formation of sludges, lacquers and carbon residue.
- ✓ Excellent lubricity and superior anti-wear, anti-rust and anticorrosion power. Minimum formation of foam and excellent demulsion capacity. It allows changes between 2,000 and 4,000 hours on screw compressors.
- ✓ Compatible with the gaskets and seals usually employed as well as with mineral bases and synthetic compatible.
- ✓ High flashing point, offering a greater security level.
- ✓ Low vapor pressure avoiding evaporation of lubricant fractions, guaranteeing the tightness of which the pump reaches the void quickly.

APPLICATIONS

- ✓ Lubrication of air compressors: rotary (vane, centrifugal or screw) and alternatives (piston, single or multistage).
- ✓ MAXICER PREMIUM 10/20 is the commonly used on rotary compressors (ISO 46 on screw).
- ✓ MAXICER PREMIUM 10/20 is the commonly used on alternative compressors (piston).
- ✓ Exceptional filterability, its zinc-free additive package allows its use on hydraulic systems where ashes-free fluids are required avoiding the formation of sludges on filters of low microns as well as lacquers and deposits on servo valves and actuators.

SPECIFICATIONS / QUALITY LEVEL:

Quality level according to the ISO 6743-11 PAC, PBC standard.

<u>COMPRESSORS</u>	<u>HYDRAULIC SYSTEMS</u>
DIN 51506: VCL and VDL	DIN 51524/2: HLP
ISO 6521-1: DAB and DAH; ISO 6743/3: DAB and DAH	ISO 11158: HM; ISO 6743/4: HM

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE	
		PREMIUM 10/20	PREMIUM 30/40
ISO grade	ISO 3448	46	100
Viscosity at 40 °C (cSt)	ASTM D-445	42-50	90-110
Density at 15 °C, typical (kg/l)	ASTM D-1298	0.86 - 0.88	0.885 - 0.895
Pour point (°C)	ASTM D-97	< -20	< -15
Flash point COC (°C)	ASTM D-92	> 220	> 220
Sulphated ash (% by weight)	ASTM D-874	< 0.01	< 0.01
Oxidation resistance, Conradson Carbon, %	DIN 51352 p.2	< 2.5	< 3.0
Copper corrosion (3h, 100 °C)	ASTM D-130	1a	1a

"These data represent mean values after different tests. Given the wide variety of operating conditions, they do not represent a basis for setting specifications."

MODO DE EMPLEO:

Oil compatible with mineral and synthetic bases compatible with mineral oils. Do not expose to sunlight. In case of doubt, consult our technical department.

PACKAGING:

5L bottle and 200L drum.