

FLOW CP - Series

DESCRIPTION:

Mineral oil free of ashes for air compressors, vacuum pumps, pneumatic tools, hydraulic systems and general greasing wherever lubricants of these viscosities are required.

PROPERTIES & ADVANTAGES:

- ✓ Great thermal stability, low tendency to the formation of sludge, lacquers and carbonaceous residue.
- ✓ Excellent lubricity and superior anti-wear, anti-rust and anti-corrosive power. Minimal foam formation and excellent demulsification capacity. Allows changes of between 2,000 and 4,000 hours in screw compressors.
- ✓ Compatible with commonly used gaskets and seals as well as mineral oils and other compatible synthetics.
- ✓ With a high flash point, providing a higher level of security.
- ✓ Its low vapor pressure prevents evaporation of lubricant fractions, thus guaranteeing sealing, so that the pump reaches vacuum quickly.

APPLICATIONS:

- ✓ Lubrication of air compressors: rotary (vanes, centrifugal or screw) and alternative (piston, single or multistage).
- ✓ The ISO VG viscosities 32, 46 and 68 are those commonly used in rotary compressors (ISO 46 in Screw).
- ✓ ISO VG viscosities 100 and 150 (SAE 30 and 40) are those commonly used in reciprocating compressors.
- ✓ Exceptional filterability, its zinc-free additive package allows it to be used in hydraulic systems where ash-free fluids are required, avoiding the formation of sludge in very low-micron filters, as well as the formation of lacquers and deposits in servo valves and actuators.

SPECIFICATIONS / QUALITY LEVEL:

Quality level according to the ISO 6743-11 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				
		32	46	68	100	150
ISO Grade	ISO 3448	32	46	68	100	150
Viscosity at 40 °C (cSt)	ASTM D-445	29 - 35	42 - 50	62 - 74	90 - 100	135-165
Density at 15 °C, Typical (kg/l)	ASTM D-1298	0.865	0.870	0.880	0.890	0.900
Pour point (°C)	ASTM D-97	< -25	< -20	< -20	< -15	< -15
Flashpoint, COC, (°C)	ASTM D-92	> 200	> 220	> 230	>240	>250
Sulphated ash (% wt)	ASTM D-874	< 0.01	< 0.01	< 0.01	<0.01	<0.01
Resistance to oxidation, Conradson Carbon, %	DIN 51352 p.2	< 2.5	< 2.5	< 2.5	<3.0	<3.0
Copper corrosion (3h, 100 °C)	ASTM D-130	1a	1a	1a	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."

HOW TO USE:

Lubricant compatible with mineral and synthetic bases compatible with mineral oils.
By brush, dipping, spraying or automatic lubrication systems. Store in a closed place. Do not expose to sunlight.
In case of doubt, consult our technical department.

PACKAGING:

20L jerrycan and 200L drum.