

# LCA

## Air compressors oils

REV.1 OF MAY /2013

### LEVELS OF QUALITY

The lubricants of the series LCA comply with the following levels of quality:

- Vickers V104C (ASTM D 2882)
- Vickers V104C (IP-281)

### DESCRIPTION

The series of LCA oils are suitable for the lubrication of rotary, centrifugal and screw air compressors, for which a lower viscosity (32/46) is recommended; they are also suitable for the lubrication of single and multi-stage alternative compressors, working at very high pressures (up to 1000 bar), for which a higher viscosity (68 to 150) is recommended. They can be also used for rotary vane compressors with a 100-150 viscosity.

LCA oils have remarkable EP features which make them suitable for the use under extreme conditions for the maximum temperature of 220°C. They also show an excellent oxidation and corrosion resistance. When you choose the oil characteristics to be used, it is recommended to follow always the manufacturer's recommendations.

### TYPICAL FEATURES\*

ISO VG	32	46	68	100	150
Density at 15°C.Kg./dm3 ASTM D1298	0,872	0,880	0.885	0.900	0.900
Viscosity at 40°C.cSt ASTM D445	28.8 to 35.2	41.4 to 50.6	61.2 to 74.8	90 to 110	135 to 165
Viscosity at 100°C.cSt ASTM D445	5.3	7.0	8.7	11.5	14.3
Viscosity Index ASTM D2270	114	110	107	105	95
Flammability V.A.°C ASTM D92	216	230	236	250	260
Pour Point °C ASTM D97	-12	-12	-12	-12	-9

\*The above mentioned values are indicative of production average values and are not an integral part of the specification.

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