



Champion Syntinel PCL[®]

(Premium Compressor Lube)

Champion Syntinel PCL is our premium, synthetic lubricant for today's high-performance air compressors. This lubricant utilizes advanced synthetic base oil technology and premium additives to deliver a product that outperforms competing products in key performance areas such as oxidation stability, cleanliness, and hydrolytic stability. In oxidation testing, Champion Syntinel PCL provided well over twice the oxidation stability of competing PAO products, and provided more than 10x better sludge control in sludge testing.

- High hydrolytic stability reduces acid and sludge build-up
- Specialized base stock blend effectively prevents sludge and varnish buildup
- Thermal and oxidative stability reduces viscosity increase and deposits
- Excellent anti-wear chemistry prevents bearing, gear, rotor and vane wear
- Conditioners and base oils provide balanced seal performance to prevent leakage
- Anti-foam additives easily release air and reduce air entrainment
- Excellent filterability prevents filter clogging

Perfect for severe-duty rotary screw and vane air compressors from Ingersoll-Rand, Sullair, Speedair and other major compressor manufacturers. Meets or exceeds the following specifications:

- DIN 51506 VDL
- DIN 51524 HLP
- GM LJ
- SAE MS-1003-2



Typical Properties

Product Number	4510	4511	4512
ISO Grade	32	46	68
Viscosity@40C, cSt	31.65	46.4	66.06
Viscosity@100C, cSt	5.87	7.61	9.74
Viscosity Index	131	130	130
FZG, Load stage pass	12	-	-
RPVOT, IP 229, mins	1885	-	-