

CHAMPION PDS

PRODUCT DATA SHEET

SYNTINEL SYNTHETIC COMPRESSOR OIL

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

PART# 4510 - ISO 32

PART# 4511 - ISO 46

PART# 4512 - ISO 68

Available in:

4510D	-	5 Gallon
4510AN	-	55 Gallon
4511D	-	5 Gallon
4511AN	-	55 Gallon
4512D	-	5 Gallon
4512AN	-	55 Gallon

TYPICAL PROPERTIES:

PRODUCT CODE:	4510
ISO GRADE	32
VISCOSITY @ 40°C, cSt	31.65
VISCOSITY @ 100°C, cSt	5.87
VISCOSITY INDEX	131
FZG, LOAD STAGE PASS	12
RPVOT, IP 229 MINS	1885

PRODUCT CODE:	4511
ISO GRADE	46
VISCOSITY @ 40°C, cSt	46.4
VISCOSITY @ 100°C, cSt	7.61
VISCOSITY INDEX	130
FZG, LOAD STAGE PASS	12
RPVOT, IP 229 MINS	1885

PRODUCT CODE:	4512
ISO GRADE	68
VISCOSITY @ 40°C, cSt	66.06
VISCOSITY @ 100°C, cSt	9.74
VISCOSITY INDEX	130
FZG, LOAD STAGE PASS	12
RPVOT, IP 229 MINS	1885

FOR HEALTH / SAFETY INFORMATION - REFER TO THE SDS at WWW.CHAMPIONBRANDS.COM

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