

PANOLIN ORCON® ARCTIC

H1 refrigeration compressor oil – fully synthetic

PANOLIN ORCON® ARCTIC:

- Fully synthetic H1 refrigeration compressor oil with excellent cold-start characteristics for the food, pharmaceuticals and feedstuff industries
- Made of proven ingredients fully complying with the strict NSF guidelines (NSF Nonfood Compounds Registration)
- Excellent ageing stability
- Excellent viscosity/temperature characteristics
- Minimal topping up required thanks to extremely low evaporation losses
- Extremely low pour point
- Excellent low-temperature behaviour
- Wax-free (eliminates problems caused by wax precipitations)
- Free of sulphur and chlorine
- Excellent thermal stability
- Highly resistant to ageing
- For trouble-free operation

Oil changing

For optimal PANOLIN ORCON® ARCTIC performance and correct lubrication in food industry applications, completely empty and clean the oil tank and system before refilling.

Applications

- For use in refrigeration compressors and heat pumps using R12, R22 or R114 refrigerants
- For operation with ammonia refrigerant under difficult conditions, such as in reciprocating compressors at very low vaporization temperatures

Performance standards

DIN 51'503 KA + KC
ISO 6'743/3 B D

Approvals (valid manufacturer approval for the specific lubricant.)

NSF Registration, Category H1 (44224)
Burckhardt Compression AG, Switzerland (44224)
Halal certificate
Kosher certificate



Nonfood Compounds
Program Listed H1
Registration 145 063

Technical data (mean values subject to normal tolerances)

PANOLIN ORCON® ARCTIC	Prod.No.	Density (g/cm ³) at 15°C	Viscosity (mm ² /s)		Flashpoint C.O.C., °C	Pour point in °C	NSF Reg. No.
			40°C	100°C			
68	44218	0.833	65.0	9.7	238	-55	pending
220	44224	0.845	210.0	24.2	250	-40	145'063

Safety-relevant notes:

Please refer to the drum label, or for detailed information, to the safety data sheet (available from PANOLIN)