

FUCHS SELECTION CHART



	FUCHS oil	Competitor equivalent	Refrigerants	Approvals
MINERAL OILS	<ul style="list-style-type: none"> RENISO KM 32 RENISO KS 46 RENISO KC 68 RENISO KES 100 	-	<ul style="list-style-type: none"> For NH3 and R22 	-
	<ul style="list-style-type: none"> RENISO WF 5 A RENISO WF 7 A RENISO WF 10 A RENISO WF 15 A 	-	<ul style="list-style-type: none"> For hydrocarbons (e.g. R600a - hermetic compressors) 	-

SYNTHETIC HYDROCARBON OIL	<ul style="list-style-type: none"> RENISO ULTRACOOOL 68 RENISO ULTRACOOOL 100 	<ul style="list-style-type: none"> PETROCANADA REFLO 68 KLUBER RHT 68 CPI 1009 68 MOBIL GARGOYLE ARCTIC SHC NH 68 226E TEXACO CAPELLA P68 TOTAL LUNARIA NH 68 	<ul style="list-style-type: none"> NH3 (Ammonia) 	NSF H1 registered
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POLYALPHAOLEPHINS (PAO) OILS	<ul style="list-style-type: none"> RENISO SYNTH 68 	<ul style="list-style-type: none"> PETROCANADA REFLO 68 KLUBER RHT 68 CPI 1009 68 MOBIL GARGOYLE ARCTIC SHC NH 68 226E TEXACO CAPELLA P68 TOTAL LUNARIA NH 68 	<ul style="list-style-type: none"> NH3 (Ammonia) 	NSF H1 registered
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POLYALKALINEGLYCOL (PAG) OIL	<ul style="list-style-type: none"> RENISO PG68 	-	<ul style="list-style-type: none"> AMMONIA AND HYDROCARBONS 	-
	<ul style="list-style-type: none"> RENISO LPG 68 	-	<ul style="list-style-type: none"> HYDROCARBONS, e.g. R290, R1270, R600a 	-

ALKYLBENZENES (AB)	<ul style="list-style-type: none"> RENISO SP 32 RENISO SP 46 RENISO SP 100 RENISO SP 220 	-	<ul style="list-style-type: none"> R22 AND HYDROCARBONS 	-
	<ul style="list-style-type: none"> RENISO S 3246 RENISO S 68 	-	<ul style="list-style-type: none"> R22, HYDROCARBONS AND AMMONIA 	-

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	FUCHS oil	Competitor equivalent	Refrigerants	Approvals
POLYESTER (POE) OILS	<ul style="list-style-type: none"> RENISO SEZ 22 RENISO SEZ 32 RENISO SEZ 55 RENISO SEZ 68 RENISO SEZ 80 F RENISO SE 100/170/220 	<ul style="list-style-type: none"> BITZER BSE 32 CASTROL ICEMATIC SW22-32-46-68-80 SOLTEST 22-32-46-68-80 EMKARTE RL22H-32-46-68-80 MOBIL EAL ARCTIC 22-32-46-68-80 SHELL CLAVUS R22-32-46-68-80 SUNISO SL 22-32-46-68-80 TEXACO CAPELLO HFC 22-32-46-68-80 TOTAL PLANET ELF ACD 22-32-46-68-80 BITZER BSE 150 170 CASTROL ICEMATIC SW100-170-220 CPI SOLTEST 100-170-220 EMKARTE RL100 H-170-220 MOBIL EAL ARCTIC 100-170-220 SHELL CLAVUS R100-170-220 SUNISO SL 100-170-220 TOTAL PLANETELF ACD 100FY -150FY-220FY 	<ul style="list-style-type: none"> Fully synthetic oil based on Polyol ester POE. Suitable for no ozone depleting FC/HFC refrigerants. RENISO TRITON SE/SEZ suitable for HFO and HFO/HFC refrigerants. Suitable with new refrigerants designed to replace R22 such as R422A/D and R417a 	<ul style="list-style-type: none"> BITZER BOCK COPELAND (SEZ 32) DANFOSS FRIGOPOL GRASSO (SCREW SEZ 68) MCQUAY EUROPA PRESTCOLD ROTOCOLD SABROE SUTRAK TRANE USA ZANUSSI
	<ul style="list-style-type: none"> RENISO TRITON SEZ 320 	-	R22	-
	<ul style="list-style-type: none"> RENISO SEZ 35 SC 	-	HFC/FC	-

SPECIAL POLYESTER (POE) OIL	<ul style="list-style-type: none"> RENISO C55 E RENISO C85 E RENISO C170 E 	-	<ul style="list-style-type: none"> SUBCRITICAL CO2 SUBCRITICAL/TRANSCRITICAL CO2 SUBCRITICAL CO2 (screw compressor) 	<ul style="list-style-type: none"> BITZER DANFOSS GEA BOCK GRASSO LINDE CARRIER OBRIST YORK
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SPECIAL POLYALKALINE GLYCOL (PAG)	<ul style="list-style-type: none"> RENISO ACC 	-	<ul style="list-style-type: none"> CO2 -AC CAR SYSTEMS 	-
	<ul style="list-style-type: none"> RENISO ACC 68 PAG 	-	<ul style="list-style-type: none"> CO2 -HEAT PUMPS/ CARS 	-

SPECIAL POLYALKALINE GLYCOL (PAG) FOR MOBILE AC SYSTEMS	<ul style="list-style-type: none"> RENISO PAG 46 	-	<ul style="list-style-type: none"> R134A, HYDROCARBONS, AMMONIA 	-
	<ul style="list-style-type: none"> RENISO PAG 100 RENISO PAG 1234 	-	<ul style="list-style-type: none"> R1234YF, R134A MOBILE SYSTEMS 	-
	<ul style="list-style-type: none"> RENISO ACC HV 	-	<ul style="list-style-type: none"> CO2 MOBILE AC SYSTEMS 	-

SPECIAL POE FOR MOBILE AC SYSTEMS - HYBRID AND ELECTRIC CARS	<ul style="list-style-type: none"> RENISO TRITON SEZ 75 AC 	-	<ul style="list-style-type: none"> R1234YF, R134A, ELECTRIC COMPRESSORS 	-
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