

Cable Recommendations for Common Coolants Used in Harsh Environments

Fluid Manufacturer	Product	ÖLFLEX® 90, 150, 190, 890, 891	ÖLFLEX® VFD, VFD with Signal VFD SLIM, TRAY II	UNITRONIC® 190, UNITRONIC® 300	ÖLFLEX® 855 P, 796 CP, 440 P, 540 P	ÖLFLEX® 491 P, 891 P, 900 P	ÖLFLEX® 490 P, 590 P	ÖLFLEX® CRF	ÖLFLEX® HEAT 180 EWKF	ÖLFLEX® HEAT 180 SiHF	HAR Hook-up Wire	SKINTOP® Clamps
		PVC	PVC	PVC	PUR	PUR	PUR	TPE	Silicone	Silicone	Neo	PA
Argent	H-114-LS	G	E	*	E	-	G	-	-	-	-	-
Argent	H-114-M	E	G	*	G	F	G	E	G	*	E	-
Argent	MS-5710-CG	G	E	G	E	-	-	-	-	-	-	-
Argent	MS5710F	E	E	G	G	G	F	E	E	E	E	-
Armour	Lard	E	G	*	G	E	E	-	E	E	*	E
Blaser Swiss	Vasco 1000/Art.2800	E	E	F	E	-	E	-	-	-	-	-
Blaser Swiss	Grindex Univ./Art.882	E	E	G	E	-	E	-	-	-	-	-
Blaser Swiss	Grindex Univ./Art892	F	F	G	G	*	*	E	E	E	E	-
Buckeye	Safe-T-Fluid #4	E	E	*	E	-	E	-	-	-	-	-
Buckeye	Safe-T-Oil #4	E	E	*	G	E	E	E	G	E	E	-
Buckeye	CT9612	E	G	*	E	-	G	-	-	-	-	-
Castrol	WY1-938A	E	G	G	E	-	-	-	-	-	-	-
Castrol	WY3-010C	E	E	*	E	*	G	-	G	F	E	E
Castrol	Syntillo 1023	G	E	G	E	-	-	-	-	-	-	-
Castrol	WS3-020A	G	G	F	E	-	-	-	-	-	-	-
Castrol	Cleardge 6519	E	E	G	G	-	-	-	-	-	-	-
Castrol	Cleardge 6550	G	E	F	G	-	-	-	-	-	-	-
Castrol	Superedge 6768	E	E	*	F	-	-	-	-	-	-	-
Castrol	GTX-SW30- Oil	E	G	*	G	-	-	-	-	-	-	-
Castrol	Type F Transmission	E	E	E	E	-	-	-	-	-	-	-
Castrol	DEXRON III Mercon	E	E	*	E	-	-	-	-	-	-	-
Castrol	Cooledge 8600	E	G	*	*	*	E	G	G	E	E	-
Castrol	Ilogrind FGO Series	E	G	*	F	G	E	E	E	E	E	-
Chem Tech	CT9612 (2)	E	G	F	E	-	E	-	-	-	-	-
Chem Tech	Tech Cool 3404MG	E	G	*	G	E	E	-	E	E	E	E
Chlorox	Sodium Hypochlorite	E	G	G	F	F	F	-	E	E	*	F
Cin. Millicron	Milpro 6000	E	E	*	E	E	E	E	E	E	E	-
Cin. Millicron	Quantalube 270	E	E	*	E	G	G	E	E	E	E	-
CITGO	Citcool 22 Conc.	E	E	*	F	G	G	-	-	E	E	E
CITGO	Citcool 33 Conc.	E	E	E	F	G	G	-	-	E	E	E
CITGO	Sentry 19	E	E	*	G	E	E	-	-	E	G	E
CITGO	Cutting Oil NC 205	E	E	*	*	F	G	-	-	*	*	E
CITGO	Cutting Oil NC 215	E	E	*	F	F	E	-	-	*	*	E
CLC Lubr.	CLC Finish HX-65	E	G	F	E	E	E	-	E	E	E	E
D.A. Stuart	Excelene 420	E	E	*	G	-	-	-	-	-	-	-

E = Excellent (no measurable changes)
* = Consult sales rep for design assistance

G = Good (slight change)
- = Not tested

F = Noticeable change

Note: lubricating oils/coolants, water soluble oils & emulsions and commercial products are tested at 60°C for 5 days. Paint solvents are tested at 23°C for 5 days. Not all products tested are listed above. If the cable series you need is not listed above, call your Lapp sales representative for assistance.

Cable Recommendations for Common Coolants Used in Harsh Environments

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		PVC	PVC	PVC	PUR	PUR	PUR	TPE	Silicone	Silicone	Neo	PA
D.A. Stuart	Dascool Nobalt KM	E	G	G	G	E	E	E	E	E	E	—
EPP Tech	400 Klear Kool	G	G	F	G	—	—	—	—	—	—	—
Fuchs Lubr.	GK225	E	G	*	G	F	G	G	G	*	G	—
Fuchs Lubr.	Renogrind FG16	G	G	*	F	G	E	—	—	G	F	E
Fuchs Lubr.	CPD 7003	E	E	*	G	E	E	—	—	F	G	E
Fuchs Lubr.	ECOSYN 975 (4%)	E	E	E	E	E	G	E	E	E	E	—
Fuchs Lubr.	ECOSYN 2205 CO	E	E	E	G	G	E	—	—	G	E	E
Fuchs Lubr.	Melsol Supersol	E	G	*	E	G	G	—	F	F	E	E
Fuchs Lubr.	Tuf Draw 2806-M-100	E	E	E	E	E	E	E	E	E	E	—
G-C Lubr.	Kool Grind 900N	E	G	*	F	G	E	—	—	F	F	E
G-C Lubr.	Kool Grind 960	E	E	*	F	E	E	G	E	F	F	E
G-C Lubr.	Aqua Kool PTC	E	G	*	F	F	G	—	—	G	*	E
G-C Lubr.	Aqua Syn 55	E	F	E	G	G	G	—	—	G	E	E
G-C Lubr.	SintoGrind TT	E	E	*	E	E	E	G	E	E	E	—
Hangsterfers	Missie Lube #1XL	G	G	*	G	E	E	—	—	F	G	E
Hangsterfers	Missie Lube #1XXL	G	G	*	G	F	E	—	—	F	E	—
Hangsterfers	Crystal Cut #322	E	G	E	F	F	F	—	—	G	F	—
Hangsterfers	Crystal Cut #322 @5%	E	G	E	E	E	G	—	—	G	G	—
Hangsterfers	R-100	E	E	E	E	E	E	—	E	E	G	E
Hangsterfers	R-100 @ 5%	E	G	E	E	G	E	—	—	E	G	—
Hangsterfers	S500CF	E	E	*	F	G	F	—	G	*	G	E
Hangsterfers	S500CF@10%	E	G	E	G	F	E	—	—	E	G	—
Hangsterfers	Hard Cut 5418	E	E	*	F	G	E	E	E	G	E	—
Hangsterfers	Way Oil #2	G	F	*	G	E	E	—	—	*	E	—
Hangsterfers	Antiwear 32	G	E	G	G	E	E	—	—	*	E	—
Hangsterfers	Antiwear 66	G	E	G	G	E	E	—	—	*	E	—
Hanilo	171	E	E	*	F	E	E	E	*	*	E	—
Humoco	Iodine	G	G	E	*	E	G	E	E	G	E	—
Itech	CT9612 (3)	E	G	*	E	—	E	—	—	—	—	—
J & J	Mineral Oil	E	G	*	E	E	E	—	F	E	G	E
Lubrisystems	Lubra-Cut UMC	E	E	E	F	G	E	—	—	E	G	—
Master Chem.	Trim O D250	E	G	F	G	F	E	G	G	E	E	—
Master Chem.	Trim VHP E210	E	E	G	*	G	G	E	E	E	E	—
Master Chem.	Trim WB 9303 12 2	E	E	*	E	*	G	G	F	F	E	—
Mobile	Mobile Met Upsilon	G	G	*	G	—	E	—	—	—	—	—

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		PVC	PVC	PVC	PUR	PUR	PUR	TPE	Silicone	Silicone	Neo	PA
Mobile	DTE 11M	E	E	*	G	G	E	G	E	E	E	—
Mobile	DTE FM 32	E	E	*	E	G	E	G	E	F	E	—
Monsanto	Glacier Motor	E	E	G	G	G	E	E	E	G	E	—
Motorex	SwissCool 7300 CF	E	G	F	F	E	G	—	E	G	E	E
Mullen	1270-4	E	G	*	E	—	E	—	—	—	—	—
NASCO	Acetone	*	*	*	E	F	*	E	E	E	G	—
National Oil	Nocco Grind (11) Conc.	G	E	*	F	G	E	—	—	G	F	E
National Oil	Nocco Grind (11) 10%	E	F	E	G	G	G	—	—	E	E	E
National Oil	Nocco Grind 11	E	E	*	E	E	E	G	E	G	E	—
National Oil	Nocco Grind Modl	E	E	*	E	E	E	G	E	G	E	—
Novamax	Circlene #FG 20AMO	G	E	F	E	—	G	—	—	—	—	—
Novamax	Circlene #FG 67	G	G	*	G	—	G	—	—	—	—	—
Quaker	13413	E	E	*	E	—	E	—	—	—	—	—
Rustick	WS-500A	E	E	*	F	F	G	—	—	F	*	E
Solutia	MCS-2638	E	G	*	G	F	G	E	E	E	E	—
Spartan	Carbide Grinder	G	G	F	E	—	E	—	—	*	—	—
Spartan	Synspar GP	G	G	G	G	—	—	—	—	*	—	—
Spartan	Cutter EXP	E	E	G	F	—	—	—	—	*	—	—
STP	Dot 3 Brake Fluid	G	G	F	*	*	*	E	E	E	E	—
STP	Dot 4 Brake Fluid	G	G	G	*	—	—	—	—	—	—	—
Texaco	Rando Oil HD 26	E	E	*	E	G	E	—	—	*	E	—
Texaco	Cleartex D	E	E	*	G	G	E	—	—	E	F	E
Texaco	Oil Coolant Reno 488	E	G	*	F	F	E	—	—	F	*	E
Uni-Pro	Pro Cool 3000	E	G	F	G	*	G	—	E	G	F	E
WD-40	WD-40	E	E	*	G	G	E	E	E	F	E	—
Wesson	Vegetable Oil	E	G	*	F	E	E	—	E	G	G	E
Westmont	Bio-Cool 55	E	G	G	G	E	G	—	E	G	E	E
Yushiro Chem.	Yushiron Oil #2	E	E	*	F	G	E	—	—	*	E	—
Zip Strip	Denaturated Alcohol	E	G	*	G	G	E	E	G	E	E	—
Zip Strip	MEK	*	*	*	*	*	*	E	E	E	G	—
Zip Strip	Naphtha	E	E	E	E	E	E	G	E	E	E	—
Zip Strip	Toulene	*	*	*	G	G	G	G	E	E	G	—
Zip Strip	Xylene	F	*	*	G	G	G	G	F	G	G	—
Zip Strip	Turpentine	E	E	*	E	E	E	G	E	E	E	—

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