

COOLANT SELECTION GUIDE

		Metal Compatability						
	Product	Oil Rejecting	Lube Package	Aluminum	Steel	Cast Iron	Target Performance Level	Comments
SYNTHETIC	Heavy Duty ↓ Light Duty	Yes	Polymer	x	x		Syntilo 9913, Cimstar 310, Cimstar 410, Techkool 3712	Heavy duty AL machining, no staining, low cloud point polymer.
	Yes	Polymer			x	x	Cimtech 500, Trim 413A, Syntilo 9954, Syntilo 9974	
	Yes	Polymer + Phosester	x	x	x	Trim C270, Hocut 763, Syntilo 9904, Syntilo 9954	Similar to BLUE COOL Y2950, Phos ester containing, low cloud point polymer. Unique technology.	
	Yes	Polymer			x	x	Syntilo 9926, Cimtech 495, Techkool 3700	
	Yes	Polymer			x	x	Syntilo 9930, Cimtech 95, Ecocool 430	
	Yes	Polymer			x	x	Syntilo 9902, Cimtech 95, Syntilo E55	RP & water plus bi-metallic inhibitor, Blanchard grinding
SEMI-SYNTHETIC	Heavy Duty ↓ Light Duty		Vegetable Oil	x	x		Hocut 795, Hysol MB20, Cimstar 540, Trim SC610	Very good performance on AL, no staining, replaced several Hocut 795 applications, works well in high pressure applications
			Oil		x	x	Clearedge 6590, Cimstar 3800, Cimstar 30, Techkool 5800	BLUE COOL S2570 formulation similar to BLUE COOL S2550. BLUE COOL S2570 does seem to perform better including biostability that BLUE COOL S2550.
			Oil		x	x	Cimstar 40, Clearedge 6510	Very good performing product for general machining.
			Oil	x	x		Microsol 185, Techkool 5907, Clearedge 6519	
			Oil	x	x	x	SC 995, Trim SC 200, Trim SC 210	Basic job-shop fluid
Soluble	Heavy Duty ↓ Light Duty		Oil	x	x		Trim E206, Blaser 4000, Hocut 795, Alusol AU38	
			Oil + Chlorine	x	x		Trim E206, Blaser 4000, Hocut 795, Alusol AU39	
			Oil + Chlorine	x	x	x	Trimsol, Superedge 6759, Blaser 2000, Clearedge 6519	
			Oil		x	x	Cooledge 6631, Safety Cool 70, Fuchs AP-71	No sulphonate, oil & emulsifier, low cost product.