

FLUIDOS SOLUBLES PARA MAQUINADO

G-Grinding; M-General Machining; R-Reaming; T-Cut Tapping; F-Form Tapping; D-Gundrilling; B-Broaching; H-Honing; C-Consult Engineering

Performance Key: ▲ min to ▲▲▲▲▲ max

CUTTING & GRINDING - WATER SOLUBLE		PERFORMANCE				METALS / APPLICATIONS									
m	Description	Tramp Oil Reject	Ferrous Corrosion	Bioresistance	Foam Control	Cast Iron	CGI	Low carbon & free machining steels	Alloy steels, Stainless, Nodular iron	Aluminum (auto, cast, 300 series)	Aluminum (aerosp, 6000/7000 series)	Titanium alloys	Nickel (Inconel, Rene, Hastalloy)	Copper alloys	Magnesium alloys
Soluble Coolants (soluble oils and semi-synthetics)															
Alusol AU 68	High perf fluid that is free of boron, chlorine, and secondary amines	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	M,R,T,D,B, H	C	G,M,R,T,D,B	G,M,R,T,D,B	G,M,R,T,D,B,H	G,M,R,T,D,B	G,M	G,M	M	
Alusol AU 70	Higher EP version of AU 68.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	M,R,T,D,B, H	C	G,M,R,T,D,B	G,M,R,T,D,B	G,M,R,T,D,B,H	G,M,R,T,D,B	G,M	G,M	M	
Carecut S 130	High performance, ester based, micro-emulsion.	▲▲▲	▲▲▲	▲▲▲	▲▲			G,M,R,T	G,M	M,R,T,F,D	M,R,T,F,D	G,M	G,M	M	
Carecut S 230 BF	High performance, ester based, micro-emulsion.	▲▲	▲▲▲	▲▲▲	▲▲	G,M,R,T,D,B	C	G,M,R,T	G,M	M,R,T,F,D	M,R,T,F,D	G,M	G,M	M	
Cleardge 6510	Medium duty, medium oil semi for ferrous metals.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲	G,M,R,T,D,B	G,M,R,T,B	G,M							
Cleardge 6519	Multi-metal, medium oil semi. Bombardier approved.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲	G,M,R,T,D,B	G,M,R,T,D,B	G,M,R,T	G,M,T	G, M, T				M	
Hysol AMG	Heavy duty, low foam, hard water stable, soluble oil.	▲▲	▲▲▲	▲▲▲▲	▲▲▲▲	G,M,R,T,D,B	C	G,M,R,T,D,B	G,M,T,D	M,T, R, D	M,T		M,T		M
Hysol MB 10	Light duty, low oil, semi with excellent bioresistance.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	G,M,R,T	G	G,M							
Hysol MB 10 BF	Boron-free version of Hysol MB 10.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	G,M,R,T	G	G,M							
Hysol MB 20	Medium duty, medium oil semi with excellent bioresistance.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	G,M,R,T,D,B	M,T,R,B	G,M,R,T	G,M						
Hysol MB 50	Heavy duty, high oil semi with excellent bioresistance.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	M,R,T,D,B, H	G,M,R,T,D,B	G,M,R,T,D,B	G,M,R,T	G,M,R,T,D,B	G,M,R,T,D,B	M,R	M	C	C
Safety-Cool 65	High perf soluble for aerospace. Boeing approved for titanium.	▲▲	▲▲▲	▲▲	▲▲			G,M			G,M	G,M	G,M		
Superedge 6754	High oil, soluble oil with excellent alum finishes. Non-chlorinated.	▲	▲▲▲	▲▲	▲▲	G,M,R,T,D		G,M,R,T,B	G,M,R,T	M,T,R,F,B			M		
Synthetics															
Syntilo CR 68	Carbide grinding fluid.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲			G	G						
Syntilo 1023	Oil-dispersing synthetic designed for cast iron transfer lines.	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	G,M,R,B,T,D		G,M,T	G,M						
Syntilo 2109	Oil-absorbing. Accepts ~2% tramp oil to increase RP.	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	G,M,T,D	G,M,T,D	G,M,T,D	G,M			M			
Syntilo 9902	Light duty synthetic for ferrous/glass.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲			G,M	G,M						
Syntilo 9930	Light to medium duty synthetic for ferrous.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M		G,M	G,M						
Syntilo 9930 BF	Light to medium duty synthetic for ferrous. Boron-free.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M		G,M	G,M						
Syntilo 9926	Medium duty synthetic for ferrous.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,R,B,T,D		G,M,T	G,M						
Syntilo 9828	Boeing & Bombardier approved; composite fiber machining.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲			G,M,T	G	G,M	G,M	M	G,M	M	
Syntilo 9904	Medium to heavy duty synthetic for ferrous.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B,H		G,M,T,D,R,B	G,M,T,D,B						
Syntilo 9918	Medium to heavy duty synthetic for ferrous.	▲▲▲▲▲	▲▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B		G,M,T,D,R,B	G,M,T,D,B	G,M,T,B	G,M,T,B	M	G,M	M	
Syntilo 9954	Heavy duty synthetic for ferrous.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B,H		G,M,T,D,R,B,F	G,M,T,D,B,F				G		
Syntilo 9974	Heavy duty synthetic for ferrous.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B,H		G,M,T,D,R,B,F	G,M,T,D,B,F				G		
Syntilo 9974 BF	Heavy duty synthetic for ferrous. Boron-free.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B,H		G,M,T,D,R,B,F	G,M,T,D,B,F				G		
Syntilo 9913	High lube synthetic, multi-metal. Boron-free. Boeing & Bombardier approved.	▲▲▲▲▲	▲	▲▲▲▲▲	▲▲▲▲▲	G,M,T,D,R,B		G,M,T,D,R,B,F,H	G,M,T,D,B,F,H	G,M,T,B	G,M,T,B	M	G,M	M,H	
Non-Core															
Cooledge 420	General purpose soluble oil for multiple metals.			▲▲				G,M		G,M					M,T
Safety-Cool 70	High oil, low cost, soluble oil.	▲	▲▲	▲	▲▲	G,M,R,T,D		G,M		M,T					
Syntilo 9730	Synthetic with boundary lube.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲	G,M,R,B,T,D		G,M,T	G,M						
Syntilo 9822	Synthetic designed for aerospace aluminum machining.	▲▲▲▲▲	▲▲	▲▲▲▲▲	▲▲▲▲▲			G,M,T	G,M		M	M	G,M	M	
WS3-908E & WS3-908F	Semi-synthetics used primarily at GM.					M,R,T,D,B,H	C	G,M,R,T,B,D	G,M,R,T,D	M,R,T,B,D,F,H					

