

ACEITES DIRECTOS PARA CORTE

CUTTING & GRINDING - NEAT OILS		METALS / PERFORMANCE							
Product	Description	Cast Iron	Low carbon & free machining steels	Alloy steels, Stainless, Nodular Iron	Aluminum alloys	Titanium alloys	Nickel (Inconel, Rene, Hastalloy, Waspalloy)	Copper alloys	Magnesium alloys
General Machining									
100 Cutting Oil	Economical, low viscosity neat oil.	▲▲▲	▲▲	NR	▲▲	NR	NR	▲▲	▲▲
Carecut ES 1 NA	Premium ester-based oil for severe cutting of ferrous and non-ferrous metals.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	▲▲▲▲▲	▲▲	▲▲▲	▲▲▲▲	▲▲
Ilocut 154	Economical, med visc neat oil. Screw machines.	▲▲▲	▲▲▲	NR	▲▲	NR	NR	▲▲	NR
Ilocut 5713	Turning, drilling, milling, Swiss automatics, on steel, alum, yellow metals, stainless.	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲	▲▲	▲▲▲	NR
Ilocut 5720	Anti-mist, chlorine replacement oil for screw machines running steel.	▲▲▲	▲▲▲	▲▲	▲▲	▲▲	NR	NR	NR
Ilocut 5721	Screw machines, Swiss autos. Dual-purpose cutting & hydraulic. Alum & yellow metals.	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲	▲▲	▲▲▲	NR
Ilocut 5770	High perf, chlorine free oil for stainless and nickel alloys (Inconel, hastalloy, waspalloy).	▲▲▲	▲▲▲▲	▲▲▲▲	▲▲	▲▲▲	▲▲▲	▲▲▲	NR
Variocut C 700	Low odor honing & machining oil. High performance for aerospace applications.	▲▲	▲▲▲	▲▲	▲▲▲▲	▲▲▲	▲▲	▲▲▲	▲▲
Variocut C 838	Chlorine-free oil for turn, mill, drill, grind, tapping	▲▲▲	▲▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	NR
Environmentally Responsible									
Performance Biolubes NuCut Plus	Plant-based neat cutting oil for general machining operations; dual-purpose cutting & lubrication.	▲▲▲	▲▲▲	▲▲▲	▲▲▲▲	▲▲	▲▲	▲▲▲	NR
Performance Biolubes NuCut Lite	Plant-based neat cutting oil for general machining and high pressure applications.	▲▲▲	▲▲▲	▲▲▲	▲▲▲▲	▲▲	▲▲	▲▲▲	NR
Performance Biolubes NuCut Ultra Lite	Plant-based neat cutting oil for general machining, high pressure, & grinding apps.	▲▲▲	▲▲▲	▲▲▲	▲▲▲▲	▲▲	▲▲	▲▲▲	NR
Performance Biolubes NuCut Grind	Plant-based neat oil designed for surface and centerless grinding.	▲▲▲	▲▲▲	▲▲▲	▲▲▲▲	▲▲	▲▲	▲▲▲	NR
Performance Biolubes NuCut Super Lite	Plant-based neat oil, low viscosity, for high pressures, small parts, and honing / grinding.	▲▲▲	▲▲▲	▲▲▲	▲▲▲▲	▲▲	▲▲	▲▲▲	NR
Performance Biolubes ThreadZ	Plant-based, heavy duty oil for tough operations like threading and tapping.	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	NR
Performance Biolubes BioMQL	Plant-based neat oil for MQL and mist oil applications.	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲	▲▲	▲▲▲	NR
Gundrilling									
Variocut C 334	Gundrilling, boring, trepanning, and gear shaving steel.	▲▲▲	▲▲▲	▲▲	NR	NR	▲▲	NR	NR
Variocut D 248	High performance, chlorine-free gundrilling and machining oil for ferrous metals.	▲▲▲	▲▲▲	▲▲▲	NR	NR	▲▲	NR	NR
Variocut D 249	High performance, chlorine-free gundrilling and machining oil with extra EP for ferrous metals.	▲▲▲	▲▲▲▲▲	▲▲▲▲▲	NR	▲▲▲	▲▲▲	NR	NR
Broaching									
Variocut B 27	Gear hobbing, shaping, hypoid, skiving of steel. May also be used for grinding.	▲▲▲	▲▲▲	▲▲▲	NR	NR	NR	NR	NR
Variocut B 46 TC	High performance neat oil for gear manufacturing.	▲▲▲▲	▲▲▲▲	▲▲▲▲	NR	▲▲▲	▲▲▲	NR	NR
Grinding									
Carecut ES 2	Premium ester-based high performance cutting & grinding oil for multiple metals.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	▲▲▲▲▲	▲▲	▲▲	▲▲▲▲	▲▲
Ilogrind 600	CBN, high speed, and creep feed grinding of most metals including powdered metal. Low mist.	▲▲▲	▲▲▲	▲▲▲	▲▲	▲▲	▲▲	NR	NR
Ilogrind 950	CBN, high speed, and creep feed grinding plus general machining of ferrous and non-ferrous.	▲▲▲	▲▲▲	▲▲▲	▲▲	NR	NR	▲▲▲	NR
Ilogrind FGO 100	Designed primarily for flute and thread grinding of tool steels for making drills and taps.	▲▲	▲▲	▲▲▲	NR	NR	NR	▲▲	NR
Variocut G 600 HC NA	High perf CBN grinding. Hydrocracked base oil for low odor and long life. Good for honing too.	▲▲▲▲	▲▲▲▲	▲▲▲	NR	NR	▲▲▲	▲▲	NR
Variocut G 650 HC	CBN, high speed, and creep feed grinding plus general machining of ferrous metals.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	NR	NR	▲▲▲	▲▲	NR
Honing									
Honilo 710	Low odor, high perf honing oil with low VOCs.	▲▲▲▲▲	▲▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Honilo 980	Honing oil with non-chlorinated EP.	▲▲▲▲	▲▲▲	▲▲	▲▲	NR	▲▲	▲▲	▲▲
Honilo 981	High performance honing oil.	▲▲▲▲	▲▲▲	▲▲	▲▲▲	NR	▲▲	▲▲▲	▲▲
Heavy Duty									
Moly Dee CF	Heavy duty, chlorine-free oil for tough operations like threading and tapping.	▲▲▲▲▲	▲▲▲▲▲	▲▲▲▲▲	▲▲▲	▲▲▲▲▲	▲▲▲▲▲	NR	NR
<i>(See also Performance Biolubes ThreadZ above)</i>									
MQL (Minimum Quantity Lubrication)									
Hyspray E 2000	Neat oil for MQL and mist oil applications.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	▲▲▲▲▲	▲▲	▲▲▲	▲▲▲▲	▲▲
Hyspray E 2010	Neat oil for MQL and mist oil applications.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	▲▲▲▲▲	▲▲	▲▲	▲▲▲▲	▲▲
<i>(See also Performance Biolubes BioMQL above)</i>									
EDM Fluids									
Ilocut EDM 200	EDM fluid with low odor and long life.	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	NR
Ilocut EDM 401	Low cost EDM fluid for applications where petroleum odor can be tolerated.	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	▲▲▲	NR
Non-Core									
41-810A	Chlorine-free, hot thread rolling oil for difficult-to-machine metals.	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	▲▲▲▲	NR
Carecut ES 3	Premium ester-based oil for severe honing and superfinishing of multi-metals.	▲▲▲▲▲	▲▲▲▲	▲▲▲	▲▲▲▲▲	▲▲	▲▲	▲▲▲	▲▲
Grinding Oil 1572	Machine & grind titanium, stainless steel, nickel alloys, and other ferrous metals.	▲▲▲▲	▲▲▲▲▲	▲▲▲▲	NR	▲▲▲	▲▲▲	NR	NR
Honilo 971	High performance honing, superfinishing, and general machining oil.	▲▲▲▲	▲▲▲	▲▲▲	▲▲▲	NR	▲▲▲	▲▲	NR
Variocut C 546	Medium viscosity neat oil for multiple operations on ferrous metals.	▲▲▲	▲▲	▲▲	NR	NR	NR	NR	NR

