

Magnacool Neat Cutting & Grinding Fluids

Product	Description	Materials				Applications											
		Cast Irons	Steels	Non Ferrous	Tungsten carbide	Grinding	Honing/Lapping	Turning, Milling	Reaming	Broaching	Deep Hole Drilling	Gear Shaving	Gear Hobbing	Viscosity @40°C	Active Sulphur	Chlorine	Flash Point
GTL Stocks based neat cutting oils																	
MAGNACUT GT10	Premium cutting oil formulated with GTL base oils, offering a high flash point and low evaporation losses for improved safety and cost-efficiency. This low-viscosity oil is ideal for precision machining in automatic lathes and other high-speed applications	****	****	****										10	Y	N	200
MAGNACUT GT15	High-performance GTL base oil with medium viscosity, perfect for general machining in automatic lathes and other high speed operations, offering the inherent advantages of GTL oils.	****	****	****										15	Y	N	215
MAGNACUT GT22	High-performance GTL base cutting oils with EP additives for enhanced tool performance, combined with the inherent benefits of GTL oils.	****	****	****										22	Y	N	230
Hydrocracked Base stock based neat cutting oils																	
MAGNAGRIND 160H5	Low-viscosity grinding oil with excellent inhibitors to prevent cobalt leaching, ideal for carbide tool grinding applications	****	****	****	****									5	N	N	130
MAGNAHONE 130H5	Low-viscosity finishing oil for honing, lapping, grinding, and super finishing, fortified with polar additives for excellent flushing and superior surface finishes.	****	****	**										5	Y	N	130
MAGNAGRIND 10	Grinding oil with specially formulated additive combinations provides excellent cooling and wetting properties, resulting in extended wheel life and enhanced performance between dressing cycles. Ideal for profile grinding of hardened gears with CBN grinding wheels	****	****	****	**									10	Y	N	160
MAGNACUT 10	Low-viscosity cutting oil designed for use in Swiss-style automats. With excellent EP properties, it is suitable for machining difficult alloys, especially high-temperature alloys.	****	****	****										10	Y	N	160
MAGNACUT 12	Medium-viscosity oil recommended for drilling, boring, trepanning, and deep hole drilling operations. This product is suitable for cast iron, all types of steel, stainless steel, and non-ferrous alloys.	****	****	**										12	Y	N	160
MAGNABROACH 17	Chlorinated oil designed for broaching and automatic turning of larger bar stock diameters. It is also effective for gear shaving and hobbing, where low-viscosity oil is preferred	****	****	***										17	N	Y	160
MAGNACUT 22	High-performance, medium-viscosity cutting oils with a potent EP package for enhanced tool performance. Suitable for all types of medium-duty machining applications.	****	****	****										22	Y	N	170

MAGNACUT 32	Premium cutting oil buffered with EP additives for gear cutting applications. It can also be used for other demanding applications that require good lubricity.	****	****	****										32	Y	Y	170
Synthetic Esters based neat cutting Oils																	
MAGNACUT EN15	Cutting oil formulated with synthetic, renewable, and highly biodegradable raw materials, featuring a high flash point for enhanced safety in mist-free, high-speed machining applications.	****	****	****	**									15	N	N	250
MAGNACUT EN35	Higher viscosity cutting oil formulated with synthetic, renewable, and highly biodegradable raw materials, featuring a high flash point for enhanced safety in mist-free, high-speed machining. applications.	****	****	****										32	N	N	280