



METAL WORKING FLUIDS & SPECIALITIES

MAGNACOO[®]
Quality | Performance | Value

www.magnuslubricants.com



About MAGNACOOL®

Magnus Lubricants Private Limited was established with a vision of providing best in the class Metalworking Fluids at affordable prices. Known for best value proposition and superior performance, MAGNACOOL® products meet the demands of specialized industries such as Automotive, Aerospace, General Engineering and Medical Parts manufacturers. With full range of Mineral Oil, Semisynthetic, Synthetic and Soluble oils, these products deliver longer tool life, better surface finish and improved bottom line to our customers.

Our commitment in providing best value products has earned us number of reputed customers. Today MAGNACOOL® products are being used by customers including OE manufacturers, MNC's, Component suppliers and large number of MSME manufacturers. Customers are at centre of what we think and do. We are aware that our users would like to continuously Improve their processes, raise productivity, lower costs & Increase efficiency. In that direction, our team of formulators and application specialists are always available to serve our customers.

We have built a state of art manufacturing plant at Chakan, Pune. The Plant has a fully equipped Lab which in addition to aiding development of new formulations, helps in quick trouble shooting of customer complaints. All our facilities and processes are certified in accordance with ISO9001:2015 and ISO140001:2015 quality management systems.

We understand, focus of our customers is their core manufacturing activity. Any assistance provided, to relieve them from their mundane shop chemical activities, will help them to boost their productivity. With this objective, we offer complete shop chemical management solutions wherein, all activities related to shop chemicals from inventory management to maintenance are taken care by our trained personnel.



AN ISO9001:2015 | AN ISO 14001:2015

WATER MISCIBLE CUTTING /GRINDING PRODUCTS

SEMI SYNTHETIC FLUIDS

Product	Appearance	pH +/-0.3	Cast Iron	Steel	Aluminium	Applications	Advantages
MEC110	Translucent	9.4	**	**		<ul style="list-style-type: none"> Machining Light Duty Grinding 	<ul style="list-style-type: none"> Economical
MEC10	Translucent	9.3	**	**	*	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Tool Life Hard Water Stable
MEC130	Translucent	9.3	**	**	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Tool Life Flush-ability Economical
MEC1500	Milky	9.4	**	**	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Heavy Duty Universal
MEC160	Translucent	9.1	*	**	***	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Economical Nonferrous
MEC190	Translucent/ Milky	9.1	*	**	***	<ul style="list-style-type: none"> Machining Tapping Reaming 	<ul style="list-style-type: none"> High Lubricity Aluminium Stain Inhibition
MEC30	Translucent	9.3	***	***	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Universal Extremely Stable Good All-round Product
MEC650	Milky	9.1	*	**	***	<ul style="list-style-type: none"> Specialist AL Grade Guided Tools Form Tapping 	<ul style="list-style-type: none"> Aluminium Stain Resistance Good Finish
MEC220	Translucent	9.5	**	**		<ul style="list-style-type: none"> Cutting Grinding 	<ul style="list-style-type: none"> Economical Good Stability

SOLUBLE FLUIDS

Product	Appearance	pH +/-0.3	Cast Iron	Steel	Aluminium	Applications	Advantages
MSC20	Milky	9.1	**	**	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Soluble Oil
MSC30	Milky	9.1	**	**	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Premium Soluble Oil Extended Sump Life Lower Top-up

FULL SYNTHETIC FLUIDS

Product	Appearance	pH +/-0.3	Cast Iron	Steel	Aluminium	Applications	Advantages
MEC510	Colourless Transparent	9.1	***	***	**	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Extremely Stable Very Low top-up Clean Machines
MEC515	Colourless Transparent	8.8	**	***	***	<ul style="list-style-type: none"> Machining Grinding Form Tapping 	<ul style="list-style-type: none"> Extremely Stable Very Low top-up AL Stain Inhibition
MEC520	Colourless Transparent	8.8	**	***	***	<ul style="list-style-type: none"> Machining Grinding Form Tapping 	<ul style="list-style-type: none"> Improved Tool Life Very Low top-up High Biodegradability

NEAT CUTTING/GRINDING PRODUCTS

GTL OILS

Product	Appearance	Viscosity cSt	Flash Point °C	Applications	Advantages
Magnacut GT10	Light Yellow	10	200	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Lower Fire Hazard Lower Mist Formation Reduced Consumption
Magnacut GT20	Light Yellow	22	230	<ul style="list-style-type: none"> Machining Grinding 	<ul style="list-style-type: none"> Lower Fire Hazard Lower Mist Formation Reduced Consumption

MINERAL OILS

Product	Appearance	Viscosity cSt	Flash Point °C	Applications	Advantages
Magnagrind 160H5	Colourless	5	160	<ul style="list-style-type: none"> Carbide Tool Grinding 	<ul style="list-style-type: none"> High Flash Point Inhibition to Carbide Leeching
Magnahone 200H5	Light Yellow	5	130	<ul style="list-style-type: none"> Honing Super Finishing 	<ul style="list-style-type: none"> Good Flush-ability Clean Tools
Magnagrind 10	Light Yellow	10	160	<ul style="list-style-type: none"> CBN Grinding Hardened Gear Grinding 	<ul style="list-style-type: none"> Good Lubricity Flush-ability
Magnacut 12	Light Yellow	12	160	<ul style="list-style-type: none"> Gun Drilling Light Machining 	<ul style="list-style-type: none"> Improved Tool Life
Magna broach 17	Light Yellow	17	160	<ul style="list-style-type: none"> Broaching Low Speed Machining 	<ul style="list-style-type: none"> Chlorinated Product Good Flushing of Chips
Magnacut 22	Brownish Yellow	22	170	<ul style="list-style-type: none"> Medium Duty Gear Shaving 	<ul style="list-style-type: none"> Lubricity Flush-ability of Chips
Magnacut 32	Brownish Yellow	32	210	<ul style="list-style-type: none"> Hobbing Heavy Duty 	<ul style="list-style-type: none"> Good EP for Tool Life Low Misting & Smoke

SYNTHETIC ESTER OILS

Product	Appearance	Viscosity cSt	Flash Point °C	Applications	Advantages
Magnacut ENV10	Light Yellow	10	205	<ul style="list-style-type: none"> Light duty machining Grinding Super finishing 	<ul style="list-style-type: none"> Ester based Products Very low mist formation Low consumption Highly Biodegradable
Magnacut ENV22	Light Yellow	20	260	<ul style="list-style-type: none"> Medium duty machining Gear shaving Grinding 	
Magnacut ENV26	Light Yellow	27	276	<ul style="list-style-type: none"> Gear hobbing Medium machining 	
Magnacut ENV35	Light Yellow	35	305	<ul style="list-style-type: none"> Gear hobbing Heavy duty machining 	

MIST LUBRICANTS

Product	Appearance	Viscosity cSt	Flash Point °C	Applications
Magnacool M217	Light Yellow	57	170	<ul style="list-style-type: none"> Ferrous Materials
Magnacool M218	Light Brown	57	190	<ul style="list-style-type: none"> Stainless Steels, Nickel Chromium alloys
Magnacool M219	Light Yellow	57	280	<ul style="list-style-type: none"> Aluminium and other nonferrous Metals and alloys

CLEANERS

WATER MISCIBLE TYPE

Product	pH (5%)	Temp °C	Method	Applications
Aquaclean-1	9.8	50 °C	• Spray	• General Purpose • Ultrasonic
Aquaclean-2	9.8	50 °C	• Spray	• Less Foaming • Shop soils
Aquaclean-KD	9.6	Ambient - 60 °C	• Spray/Dip	• Improved cleaning • Ultrasonic
Aquaclean -GZ	9.8	Ambient - 60 °C	• Spray/Dip	• Strong cleaning action

SOLVENT TYPE

Product	Appearance	Flash Point °C	Specific Gravity	Applications
Magnacool S40	Colourless	42	0.75	• Can be used in all types of materials and parts for easy removal of dirt, grease and shop soils. • Can be used by dipping or ultrasonic cleaning
Magnacool S80	Colourless	85	0.79	

RUST PREVENTIVES

SOLVENT TYPE

Product	Appearance	Viscosity cSt	Flash Point °C	Salt Spray Hours	Storage Period Months	Properties
RP1560 DW	Brown Transparent	2.5	65	12	<1	• Dewatering • In process protection • Oily Film
RP 160 DW	Brown Transparent	2.5	82	24	1 to 2	• Dewatering • In process protection • Thin Waxy Film
RP 460 DW	Brown Transparent	2.7	82	48	3 to 6	• Excellent Dewatering • Fingerprint Suppressant • Thin Waxy Film
RP 480 DW	Brown Transparent	2.8	82	72	6 to 9	• Dewatering • Fingerprint Suppressant • Thin Waxy Film
RP 560 DW	Brown Transparent	2.7	82	48	3 to 6	• Dewatering • Acid Fume Resistant • Fingerprint Suppressant

WATER MISCIBLE TYPE

Product	Appearance on dilution	pH (5%)	Dilution	Protection Period	Application
MAGNACOOOL WSRP	Translucent	9.6	5% to 25%	Based on dilution	• In process protection





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