

Metal Working Fluids

IPOL[®]
LUBRICANTS
Trusted Since 1973

50
years of
excellence



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PRODUCT	DESCRIPTION AND RECOMMENDATION	PROPERTIES
WATER MISCIBLE CUTTING FLUIDS		
Aqua Cut 125	Multipurpose soluble cutting oil. One of the most valued & popular cutting coolants in Indian Industries	Milky White emulsion
Cut 150 T	Multipurpose soluble cutting oil Compatible with ferrous and non-ferrous materials	Milky White emulsion
Enhanco Solucut 101	High performance soluble cutting oil Suitable for Aluminium & Ferrous Metals	Milky White emulsion
Aquacut 125 PLUS	Premium soluble cutting oil with extended emulsion stability & sump life	Milky White emulsion

PREMIUM SEMI SYNTHETIC COOLANTS		
Biocut SS 88 / 100	With optimized performance and emulsion stability, it is specifically designed product for cast iron machining	Translucent emulsion
Biocut SS 300 (Premium)	Specially designed biostable grade with micro emulsion technology for cast iron & mild steel machining	Translucent emulsion
Biocut SS 350 LX	Specially developed to address the color changing issue with grey cast iron machining	Translucent emulsion
Biocut SS 400 (Aluminum)	Semi Synthetic blend formulated with esters and metal passivator agents for machining on aluminium and aluminium alloys. Also Suitable for Cast Iron, Mild steel and Stainless steel	Translucent emulsion
Biocut SS 400 AM (Multi-Metal)	Multimetal product for Ferrous & its alloys.	Translucent emulsion
Biocut SS 500	Equipped with novel corrosion inhibitors for extended rust protection on Cast Iron, MS and SS machining	Translucent emulsion
Dirghcut 4001 PRO	Premium biostatic water soluble cutting coolant with prolonged sump & tool life with outstanding surface finish of the components	Semi-translucent emulsion

LARGEST RANGE OF NEAT CUTTING OILS		
St Cut 55 / ST Cut BR 103 X	Oils designed with EP & Anti-wear properties for gear hobbing, shaping & shaving applications	32 cst Active / Active
Enhanco NC 101	High performance,EP, chlorine free neat cutting oil with high weld load. Recommended for gear Hobbing & shaping operation for superior finish and longer tool life.	32 cSt. Active Ester Based
Super Cut 650 A	Heavy Duty high performance neat oil, fortified with synthetic EP additives.	22 cSt Active
Dual Purpose Oil 46	Multipurpose oil suitable for gear hobbing as well as hydraulic operation	46 cSt, Inactive
Unicut 21	High performance oil for multipurpose application like broaching, hobbing, drilling & thread cutting etc	20 cSt Active
Broaching Oil No.1	Specially formulated for broaching operation, preferred choice of many leading industries.	17 cst, Active
Gundrilling Oil No.1 Gundrilling Oil No.100	Specially formulated deep hole gun drilling oil approved by leading gun drilling machine & tool manufacturers and by other major engineering industries.	12.5 cSt, Active/ Inactive
Multikut HSM 10/22/32 & EF Series	Premium grades suitable for high speed multi spindle machining. Also recommended for Highly Efficient Next Gen gear Hobbing, shaving & profile grinding operations.	12 to 32 cSt.Synthetic Based. Active / Inactive
ST CUT CF 400 / 401 / 402 / ST Cut CF 400 R/ 401 R/ 402 R	High performance cold forging oils for fastener industries suitable for mild to severe operations.	32 to 107 cSt, Active / Inactive
ST Cut CF 154	High performance cold forging / Multipurpose neat oil, recommended for producing bolt, nuts, bushes, automotive parts or multi-spindle machining	30-32 cSt In-Active
Cut 90 SF / Cut 90 SF XL	Honing & grinding neat oil, selective base oil with enhanced lubricity & EP additives to provide excellent surface finish on steel & related alloy material.	Sulphur & Chlorine Free In-Active 4-5 cSt
Hone Oil 918	Low viscosity neat cutting oil, recommended for honing and various other mild machining operations. High Performance oil specially recommended for superior honing results.	Chlorine & Sulphur Free In-Active 4-5 cSt





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IPOL Mist Oil	Anti-Mist Oils for Bar to Billets Metal cutting application for circular saw machine.	45 cSt, In-Active
IPOL SEO 350 & 450	Spark Erosion oil for die profiling application approved by various leading machine manufacturers	2.3 - 3.3 cSt In-Active
Wire Draw 17	Specialised neat oil for deep drawing of Aluminium Wires.	205 cSt
Enhanco Pressol AS 150	Low viscous oil designed for fin forming and lighter stamping operations on Aluminium.	1.5 cSt In-Active(Vanishing Type)
Cut T-60	Custom made oil for pen tip & other related components machining.	12 cSt In-active
ST Cut GR-230	Low viscosity neat cutting oil developed specially for lighter machining of components.	2.3 cSt In-active

QUENCHING SERIES

Quenching Oil 32XL	Normal speed quenching oil for multiple applications.	32 cSt, Normal
Quenching Oil 22XFQ	Medium Quenching oil fortified with specialized chemicals for long lasting performance	22 cSt Medium
Quench MF- 200	Medium-Fast Quenching oil widely used in various industries	17 cSt Medium-Fast
Enhanco Quench H-301 Enhanco Quench H-302	High performance hot quenching oil manufactured by special base stocks, fortified with superior additives for long lasting results	65 cSt (MarQuench) 110 cSt (MarQuench)
Enhanco Quench H-303	Hot & Cold specialised Quenching Oil	37 cSt, Hot & Cold

SOLVENT BASED & AQUEOUS CLEANERS

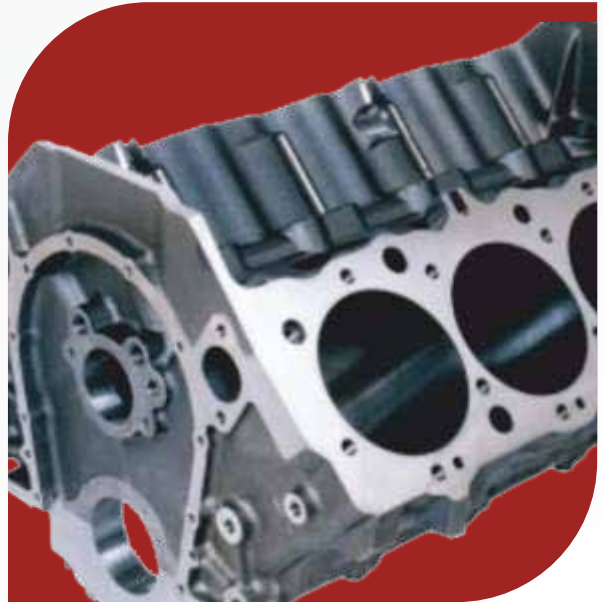
Cleaning Oil 3045	High performance hydrocarbon based fluid with appropriate properties for efficient cleaning.	Clear Fluid,FP - 45°C
Cleaning Oil 3045 HF	Effective cleaning solvent, aromatic hydrocarbon, excellent cleaning ability remove contamination	Clear Fluid,FP - 75°C
Super Clean 100 SF	Multipurpose alkaline cleaner designed to provide excellent cleaning in Spray/Flood application. Forms stable solution, having excellent rust protection properties & low foam in high pressure.	Biostable.Synthetic Aqueous Cleaner
Cleanomax XF 10	High performance multipurpose alkaline cleaner with excellent flushing characteristics and surfactant technology, also can be used as in sump cleaner	Biostable.Synthetic Aqueous Cleaner

RUST PREVENTIVES

Enhanco RPSB 103 BS BS MF BS HF	Solvent based, thin film rust preventive with excellent de-watering characteristic. Low - High flash solvent based, high coverage and superior rust prevention with excellent glossy film.	2.5 ~ 3.5 cSt, 24 Hrs SST, 2~3 Micron
Antirust DW 50 DW 50 HF 50 XL	Water displacing rust preventive, leaves a shining oily film on the surface, Low - High flash solvent based, specially recommended in tube mills & Auto ancillaries.	2.5 ~ 3.5 cSt 24 Hrs SST
Antirust TL 802	High end rust preventive with glossy film thickness, superior acid fume resistance. Recommended for CR sheet application and pickling process sheet protection from rust.	15 ~ 60 Hrs Salt Spray 20 ~ 40 Hrs Acid Fume
Enhanco RPSB 101	Solvent based high performance rust preventive specially recommended for Auto ancillaries for higher rust prevention	40 Hrs SST 3-4 Micron
Enhanco RP SB 101 XP	High performance solvent based rust preventive oil for extended hours protection, recommended for long-term protection of components in transit.	100 Hrs SST



One **Ip**ol Multiple Solution



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