

NSL-Water Soluble cutting oil

	Product name	JIS Class	Color		Density @ 15°C (g/cm ³)	pH (*)	Brix index	Concentrate (%)	Characteristic & Application	Material Suitability							Processes						
			Before mix with water	After mix with water						Magnesium	Aluminium	Copper	Cast iron	Carbon steel	Steel alloy	Stainless steel	Turning	Drilling	Milling	Tapping	Boring	Grinding	
After mixed the Solution was Milky	RISCUT SX-B	A1-1	Transparent Yellow mix Brown	Milky Emulsion	0.95	10.2	0.9	Cutting 5-10 Grinding 2-5	Good emulsion stability containing and anti-corrosion for copper alloys. Recommended for general cutting application. Amine free.			☉	○	○			○	○	○	○			○
	RISCUT SX-10	A1-1	Transparent Yellow mix Brown	Milky Emulsion	0.93	10.3	0.9	5~10	Soluble cutting fluid having excellent performance for wide range of cutting purpose. Amine free			☉	○	○			○	○	○	○			
	RISCUT SX-11	A1-1	Transparent Light brown	Milky Emulsion	0.96	9.7	0.9	5~10	Cutting application of ferrous metals. It contains anti-rus and anti-bacteria agent.				☉	☉	☉	☉	☉	☉	☉	☉	☉		
	RISCUT SX-17	A1-2	Transparent Brown	Milky Emulsion	0.94	9.5	1	5~10	Excellent biostability and low foam cutting fluid for Aluminium and ferrous alloys.		☉		☉	☉	☉	○	☉	☉	☉	☉	○		
	RISCUT SX-22M	A1-2	Transparent Light brown	Milky Emulsion	0.95	9.9	0.9	5~10	Ideal for Magnesium alloy cutting. Shows good emulsion stability	☉							☉	☉	☉	☉	☉		
	RISCUT SX-23A	A1-2	Transparent Light brown	Milky Emulsion	0.95	9.4	0.9	5~10	Excellent lubricity for non-stain Aluminium alloy cutting application. It also contains anti-rus and anti-bacteria agent.		☉	○	☉	☉	☉		☉	☉	☉	☉	○		
	RISCUT SX-24A	A1-2	Transparent Light brown	Milky Emulsion	0.94	9.4	0.9	5~10	Excellent biostability for Aluminium alloy cutting application.		☉	○	☉	☉	☉		☉	☉	☉	☉	○		
	RISCUT SX-25A	A1-2	Transparent Yellow mix Brown	Milky Emulsion	0.94	9.8	0.9	5~10	Excellent anticorrosive performance for Al alloy and copper alloy. Amine free.		○	○	○	☉	○		☉	☉	☉	○			
	RISCUT SX-27A	A1-2	Transparent Brown	Milky and Semi-transparent	0.94	9	1	5~10	For Aluminium and steel application. Having good biostability and low foam characteristic.		☉		☉	☉	☉	○	☉	☉	☉	☉	○		
	RISCUT SX-28A	A1-2	Transparent Light brown	Milky Emulsion	0.97	9.4	0.8	5~10	For Aluminium and steel application. Having good anti-corosion and biostability.		☉		☉	☉	☉	☉	☉	☉	☉	☉	☉		
After mixed the Solution was Transparent	RISCUT SY-61	A2-1	Transparent Brown	Semi-transparent	1.02	9.3	2.7	3~10	Long life cutting fluid for steel and ferrous alloys.				○	☉	○		☉	☉	☉	○			
	RISCUT SY-63	A2-1	Transparent Yellow mix Brown	Milky and Semi-transparent	1.05	9.3	1.8	3~10	Chorine free cutting fluid for steel and ferrous alloys. Good resistance to bacteria attack.				☉	☉	☉	☉	☉	☉	☉	☉	☉		
	RISCUT SY-64	A2-1	Blue and Semi-transparent	Tranparent blue	1.03	9	3.5	Cutting 3~10 Grinding 3~5	Low foam characteristic for metal cutting and grinding.			○		☉	☉		☉	☉	☉	○		☉	
	RISCUT SY-65	A2-1	Blue tranparent	Tranparent blue	1.04	9.4	1.9	Cutting 3~10 Grinding 3~5	Low foam characteristic for cutting and grinding of cast iron, steel and it alloys.					☉	○		☉	☉	☉	○		☉	
	RISCUT SY-66	A2-1	Tranparent Yellow mix brown	Clear color	1.06	9.5	1.5	Cutting 3~10 Grinding 3~5	High performance for cutting and grinding of cast iron, steel and it alloys.					☉	☉	☉	☉	☉	☉	☉	☉	☉	
	RISCUT SY-71	A2-1	Tranparent Light yellow	Clear color	1.05	9	3	Cutting 3~10 Grinding 3~5	For cutting and grinding of cast iron, steel and it alloys. Aving good tramp oil separation.					☉	☉		☉	☉	☉	○		☉	
	RISCUT SY-67A	A2-2	Tranparent Yellow mix Brown	Milky and Semi-transparent	1.03	8.6	1.9	3~10	Semi-synthetic fluid for cutting of steel and aluminium application.		☉		○	☉	☉	○	☉	☉	☉	☉	○		
	RISCUT SY-68A	A2-2	Tranparent Yellow mix Brown	Milky and Semi-transparent	1.02	9	1.4	3~10	Heavy duty semi-synthetic fluid for steel, and aluminium application.		☉	○	○	☉	☉	☉	☉	☉	☉	☉	☉		
	RISCUT SY-GC	A2-2	Tranparent Yellow mix Brown	Milky and Semi-transparent	1.11	8.5	1.3	3~10	Synthetic fluid for steel, copper and aluminium application.		○	○		☉	☉	☉	☉	☉	☉	☉	○		
	RISCUT SY-GR	A2-2	Light yellow Semi-transparent	Clear color	1.1	8.7	1.4	3~5	Synthetic grinding fluid for steel, copper and aluminium application.		☉	○	☉	☉	☉	☉							☉
Transparent	RISCUT SZ-80	A3-1	Tranparent Yellow mix Brown	Clear color	1.06	9.1	2.7	3~5	Synthetic grinding fluid for steel and ferrous alloys included grinding or ceramic and glass.				☉	☉									☉
	RISCUT SZ-81	A3-1	Blue and Semi-transparent	Tranparent blue	1.04	9.5	2.7	3~5	Low foaming grinding fluid and excellent biostability for steel and ceramic.				○	☉									☉