

## Topic: Metal Forming Lubricants for steel pipe

98Oils Products	RANDOCUT 612
Applications	Metal Forming Pipe
Customer /Location	MPM Steel Pipe/ Samutprakarn, Thailand
Previous Lube/Fluids	Local Lubricants Oil
Materials	Steel (SS400, HR1)
Process/Machines	Forming Pipe Process
Customer Requirements	Quality lubricants Improvement and Cost Reduction

### Issue/Problems:

- Poor solubility
- The coolant too short lifetime

### Solutions:

- Randocut612 is a anti corrosion metal working Fluid milky type. Can be used for hard water
- Concentration: 4%-5% Brix

### Summary

- 1) Good rust protection inside and outside pipe.
- 2) Long sump life good ability to control bacteria growth and rancid odors.
- 3) Good stability in hard water.

