

## Topic: Cutting Coolant By Hafiz

980ils Products	RANDOCUT RC 612
Applications	Soluble cutting coolant
Customer /Location	Suryamas Megah Steel, Maros plant
Lube/Fluids Existing	Mobilcut 100 (ExxonMobil)
Process/Machines	Steel pipe forming
Tank Capacity	6000 liters
Customer Requirements	Stability of cutting coolant

### Issue/Problems :

- Many rust on product.
- At 2%, Mobilcut 100 has stability issue in the production line.



### Solutions :

- 1) Trial at Maros plant (new plant), has 2 lines with total volume 6000 Liters. Using RC 612 at same dilution 2% to try in 1 line, compare data performance with other line using Mobilcut 100.

### Summary :

- Good finish product result using RC 612.
- Since September 2023, already using RC 612 in all 2 lines (2 drum/month) at Maros plant.
- Waiting internal study from engineering of SMS, and will use RC 612 in other 4 plant in Surabaya area. (Geges 3 lines, Trosobo 5 lines, Kalianak 1 line, Tambak Langon 1 line)
- Start from next week 1 line of Trosobo line will use RC 612.
- Engineering guy also want to trial Lube Kote M81 compare with Sugimura Preton R-317A mixing with kerosene 1:3.



Finish product of galvanized pipe and stainless steel.

