

Details:

980Oils Products	LUBE-KOTE 39
Applications	Rust Preventive Oils
Customer /Location	SCP.P / Chachoengsao , Thailand
Previous Lube/Fluids	H.Q.L. Rust proof 31
Materials	Steel Pipe for Automotive
Process/Machines	Forming / Rust Preventive
Customer Requirements	Quality Improvement

Issue/Problems :

- The customers have problems with rusting on many pieces of work. 1 week after changing the new oil.

Solutions : survey process onsite.

Process

- Take the sample customer sent to Lab for compare product.
- Test and trial report 1 month.
- Process customer
 - Raw mat.
 - Forming steel pipe with milky oils.
 - Rust preventive Oils.
 - Packing 1 - 2 Months.

Solution

- Recommend Lube-Kote 39 is better water separation and water displacing.
- Advise customers to drain the dirt away. and keep adding new oil regularly.

Lab Result :			
Sample	Rust Proof 31	Lube-Kote 19	Lube-Kote 39
Water Separation			
Organic Layer			
Time to Separation	Hazy 254.10 sec	Clear 222.07 sec	Clear 60.31 sec
Film			
Weight of 1 mL	Medium oil film 0.785 g	Medium oil film 0.911 g	Medium oil film 0.942 g
Net Weight (After 24 hrs)	0.315 g	0.265 g	0.203 g
%Non-Volatile	40.15%	29.09%	21.55%
Odor	Strong	Strong	Strong
Color	Brown	Light Brown	Yellow

Summary :

Lube-Kote 39 can be a good substitute and help customer to reduce rust problem a lot.

