

Topic: Cutting oils for Milling process

98Oils Products	LUBE-CUT 503S
Applications	Milling
Customer /Location	HAYA Forging/ Samut Sakhon, Thailand
Previous Lube/Fluids	Local Lubricants Oil
Materials	Steel (SKD61)
Process/Machines	Milling/CNC Machine
Customer Requirements	Lubricant improvement (Foam)

Issue/Problems:

- The Lubrication improvement because they use Semi-Synthetic it have height foam.

Solutions:

- The Milling process (speed 3,000 RPM) with Lube-Cut 503S is reduces operating temperature, smoke and provides excellent surface of workpiece.



Summary:

- The customer satisfied with the quality of Lube-Cut503S because not have smoke and not have foam.
- Good lubricity.
- Longer tool life.
- The surface of workpiece brightness and cleanness.



Before



After

The surface brightness and cleanness