



Emulsichem Lubricants Pvt. Ltd.

CASE STUDY OF EMULKUT-1101

Date	25/09/2006
Name of the organization	Semco Electric Pvt. Ltd.
Address	Chakan-Talegaon Road, Mahalunge, Dist. Pune.
M/c. no. & make for study	Takisawa-II
Type of operation	Turning
Material removal	1 to 3 mm
Thickness of sheet	NA
Type of material	CI, SS, MS and all ferrous alloys
Type & make of tools used	Sandvik
Recommended product	Emulkut-1101
Date of charging coolant	22/08/2006
Dilution (water : oil)	1 : 20
Compared with existing product	ITW

OBSERVATIONS & COMMENTS

- Takisawa-II machine is Multi-tooling machine & imported from Taiwan.
- Chips are carried away faster as compared to the previous oil.
- Turning and drilling finish as per the desired quality.
- No foul smell after weekly off.
- Machine remained clean & dust free.
- Insert life increased. No complaints of rusty jobs.
- No complaints regarding skin irritation, smell and operational discomfort from operator.
- Operator and line manager satisfied with product performance.