



Emulsichem Lubricants Pvt. Ltd.

CASE STUDY OF LAVISIA SUPER-90

Date	01/04/2003
Name of the organization	Cummins India Ltd.
Address	Kothrud, Pune
M/c. no. & make for study	102 BM 01 (2SC-B) Murata Warner Swasey
Type of operation	Turning
Material removal	5 to 7 mm
Thickness of sheet	NA
Type of material	Cast Iron Casting
Type & make of tools used	T-Max
Recommended product	Lavisa Super-90
Date of charging coolant	20/08/2002
Dilution (water : oil)	1 : 20
Compared with existing product	Syncool-G

OBSERVATIONS & COMMENTS

- MWS machine, a multi-tooling turning machine, where small & big type CI casting material turning is done.
- Machine tank capacity : 260 ltrs.
- Oil displays best cleaning & flushing properties. Machine remained clean as chips / burr were flushed away from area of operation.
- Turning finish improved.
- Good anti rusting properties and oil film on job surface was tacky in nature.
- No foul smell observed after weekly off.
- Bath color turns slight blackish due to mixing of CI dust.
- Job finish extremely good.
- Operator satisfied with the performance of the product.