



# TUSHAR INDUSTRY

C-2/5, MIDC, Ambad, Nashik- 422 010. INDIA  
Telefax: 0253-2383696. Email: tushar@tusharindustry.com



Date: 14/12/2010

To,  
M/s Sanjay Tools & Adhesives  
X-20, M.I.D.C. Ambad,  
Nashik - 422010.

**Subject :- Performance of HANGSTERFER'S Water soluble cutting oil S 500.**

This is the extension for the letter issued at date 15/01/2010 to M/s Sanjay tools & Adhesives, Nashik. We glad to hear that, we are still using Hangsterfer's S500 coolant on all machines. During last few months we loaded our new machines with Hangsterfer's S-500, which includes Two of our new MAZAK machine.

| Sr. No. | Name                             | Tushar Industries, Nashik.                |
|---------|----------------------------------|---|
| A       | Industrial Segment               | Electrial & automotive Componants.        |
| B       | Machine Type                     | CNC, VMC, GRINDING                        |
| C       | Machine Manufacturer             | AMS, ACE, MAZAK                           |
| D       | No. of machines                  | 20<br>CNC = 12<br>VMC = 5<br>GRINDING = 3 |
| E       | Total Tank Volume ( In Liter)    | 6000                                      |
| F       | Material Machined                | Steel, Al., copper, Hardened Componants.  |
| G       | No. of Month without sump change | 20 months                                 |
| H       | Old oil                          | Blaser 4000 strong                        |
| I       | Old Oil Rate                     | Rs. 285 / liter                           |
| J       | New Oil                          | Hangsterfer's S-500                       |
| K       | New Oil Rate                     | Rs. 268 /-                                |
| L       | Old oil consumption / Month      | 200 liter                                 |
| M       | New Oil consumption / Month      | 180 liter                                 |
| N       | Monthly cost for old oil ( L*I)  | Rs. 57000 /- approx.                      |
| O       | Monthly cost for new oil ( M*K)  | Rs. 48000 /- approx                       |
| P       | Monthly Saving / Month (N-O)     | <b>Rs. 9000 /- approx.</b>                |

**Following observation for this period:**

- 1) No bad smell due to bacteria formation found for last 20 months though we have not change the emulsion since it is loaded on the machine.
- 2) Sanjay tools representative visits us regularly to check and maintain concentration of coolant in machine.
- 3) For last 15 month our oil consumption remain constant which is 200 liter/ month.

We are very happy with the service of Sanjay Tools and Performance of Hangsterfer's product.

Yours Faithfully  
For

Authorized Signatory 