



**Classic Coolants**

Mfg Speciality Lubricants and Coolants

# CASE STUDY -3

[CLASSCLEAN 30: WATER SOLUBLE NEUTRAL CLEANER]



## CLIENT

India unit of global leader in bearing manufacturing located Gujarat



## THE PROBLEM

After washing of rollers in tumblers with anaqueous solution of existing product, the client faced the following issues :

- ⊗ pH of discharged water is more than 11 which is unacceptable as per pollution control board norms.
- ⊗ The discharged water had to be neutralized with an acid dose which increased cost and manpower requirement for the process.



## OPERATING CONDITION

Process	Cleaning and cutting of steel rollers in tumblers with water, abrasive power and a cleaning chemical
Product in use	Competitor product
Product concentration	3%



## THE SOLUTION

We introduced Classclean-30 (water soluble neutral cleaner) with the following properties:

- + Provides cleaning with lower pH (7.5-8)
- + Good anti-corrosive property
- + Non foaming and non toxic

## (Trial Results Of Classclean-30)



Final pH of discharge water is below 9 and is in compliance with pollution control board regulations



Good cleaning and anti-corrosive activity



Discharge water does not require any extra treatment like acid dosing



Saving of cost and time