

CASE STUDY

Automotive Component Cleaning : Proven Cleaner for Heat Treatment Processes

CERFA-KLEEN® 5384

The Challenge

The customer is an automotive Tier II supplier of axles and transmissions in Mexico.

Salty residue was occurring with the heat treatment washers due to the cleaner being used. The tank needed to be changed after four weeks and the parts needed to be double-washed to remove the residue, often manually.



Gears with residue before trial

The Solution

Quaker Houghton introduced CERFA-KLEEN® 5384, a heavy-duty alkaline caustic spray cleaner with oil-splitting capability.



The Product

CERFA-KLEEN® 5384 is formulated with carefully selected alkali salts and an alkali compatible surfactant system. This combination of ingredients provides fast, thorough cleaning and controlled foam for applications where spray operations are required or where extreme agitation is encountered. CERFA-KLEEN® 5384 is biostable which minimizes the use of costly sump side biocides.

The Benefits

- The parts are much cleaner with a much lower salt level
- There is no need for repeat washing and the bath life was increased to 7.5 weeks – a 42% improvement
- All in all, the customer estimates they save over \$10,000 annually with the Quaker Houghton Solution



The customer switched an additional washer to CERFA KLEEN® 5384 with the same results: parts free of solids, oils, and salts



Cleaned gears after 23 days of trial

