

Customer Description: Gold rated based on LWG standards. Production 3,000 hides/day. High quality articles for the upper end market.

Material: 270 fresh South-German cow hides (12 tons). Control batch in parallel / upholstery or automotive interior.

Process:

- Pre-soaking: 0.2% **PROSPREAD**
- Main Soaking: 0.3% **PROSOAK** + 0.3% **PRODEGREAZE** (*surfactants were eliminated and lipase type enzyme reduced*)
- Unhairing/Liming: Hair saving process: 0.6% sodium sulfide + 3% sodium hydrosulfide + 4% lime
- Deliming/Bating: 0.2% **PRODEGREAZE** (*surfactants were eliminated and lipase type enzyme reduced*)

Results: Limed hides, before fleshing and splitting, were clean and relaxed. COD in deliming was 7.67 mg/l (9.98 mg/l standard process)

Conclusion: Increased yield is expected. Savings in effluent treatment.