

SUCCESS *Story*

WOOD



enerbio
caliu natural



CUSTOMER

Enerbio is a business that belongs to Grans de Lluçanès. It has more than 10 years of experience among the wood transformation sector that works the production of pellet and comes from the forestry sector mostly sawdust and shavings. The final product is HOUSEHOLD Pellet category EN+A1. They are the second producer of pellets in Spain with more than 30.000 tons per year.

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SHAREPOINT LINK

CERAN XM 460



PRODUCT APPLICATION

- Lubrication of a **CPM 7200** pelleting presses intended to produce wood pellets from sawmill waste.
- **Components:** two rollers and four bearings
- **Production:** maximum capacity 5.000Kg/hour (32.000Tm/year)



CUSTOMER REQUEST

- They want a grease to replace Beslux Sulplex
- The grease needs a high resistance to temperature and stresses. They work 24/7 in high season.
- To increase the roller lifetime and to reduce the maintenance frequency

TOTAL SOLUTION // PROPOSAL

- TOTAL proposes a protocol to perform test with **CERAN XM 460** grease.
- It presents an excellent performance versus the high loads, temperature and humid environment
- We have seen fantastic result in pellet press with hard woods

RESULTS AND CUSTOMER BENEFITS

The customer has changed the Beslux Sulplex and implanted CERAN XM 460 making the lifetime of the elements longer and reducing the frequency of the maintenance breaks.

It consumes 200gr/hour of CERAN XM 460, it works at 120-130°C and the roller life increased a 500%; from 400 to 2.000 hours.