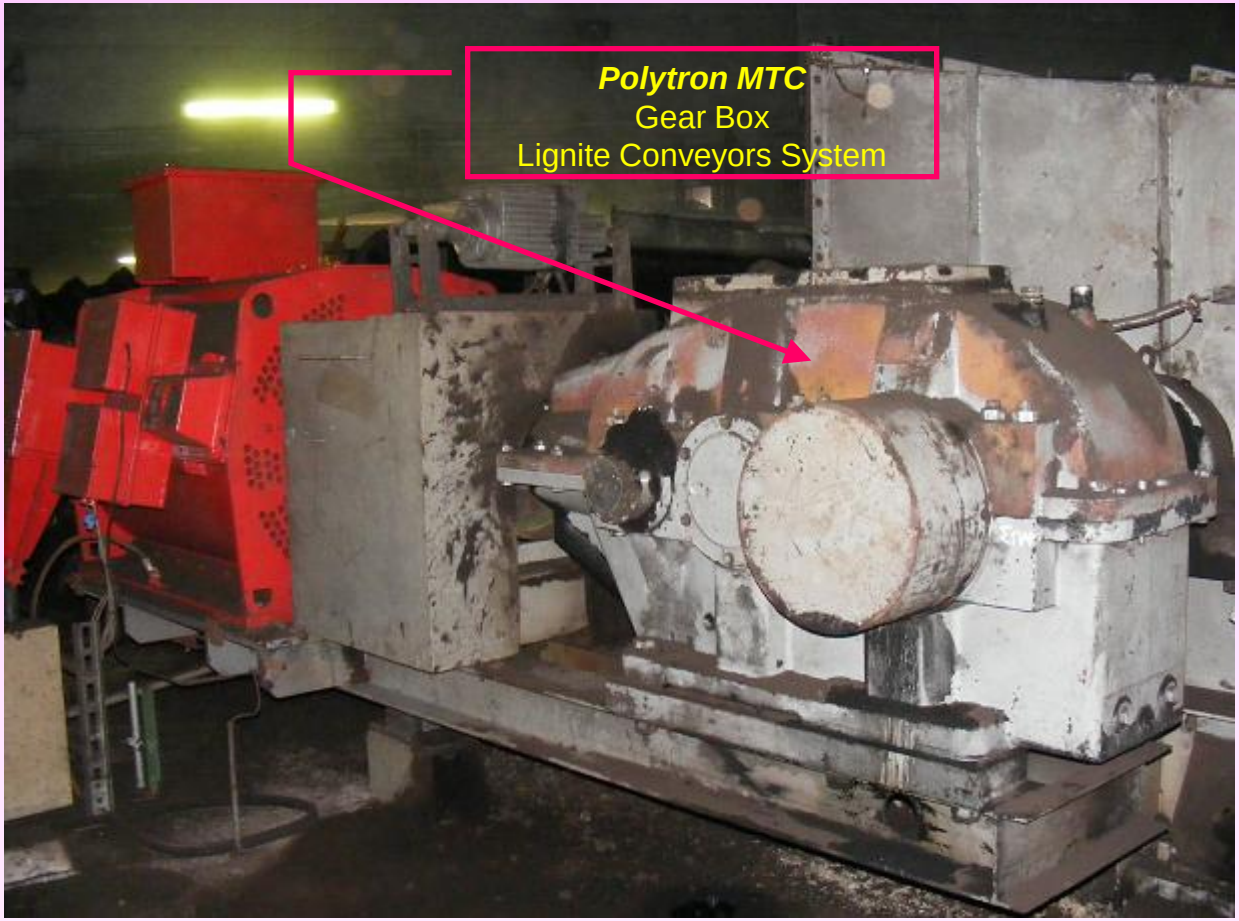
# Industrial Application - GREECE

Pic 1




Servicemen told me this gear box goes for operation after overhaul but the gearbox continues to work noisy, then they use Polytron for that reason. They note noise decrement almost immediately, the next day they notes further noise decrement. Generally told me Polytron is very good product, it can fix the problem especially when the problem start. They use Polytron preventively

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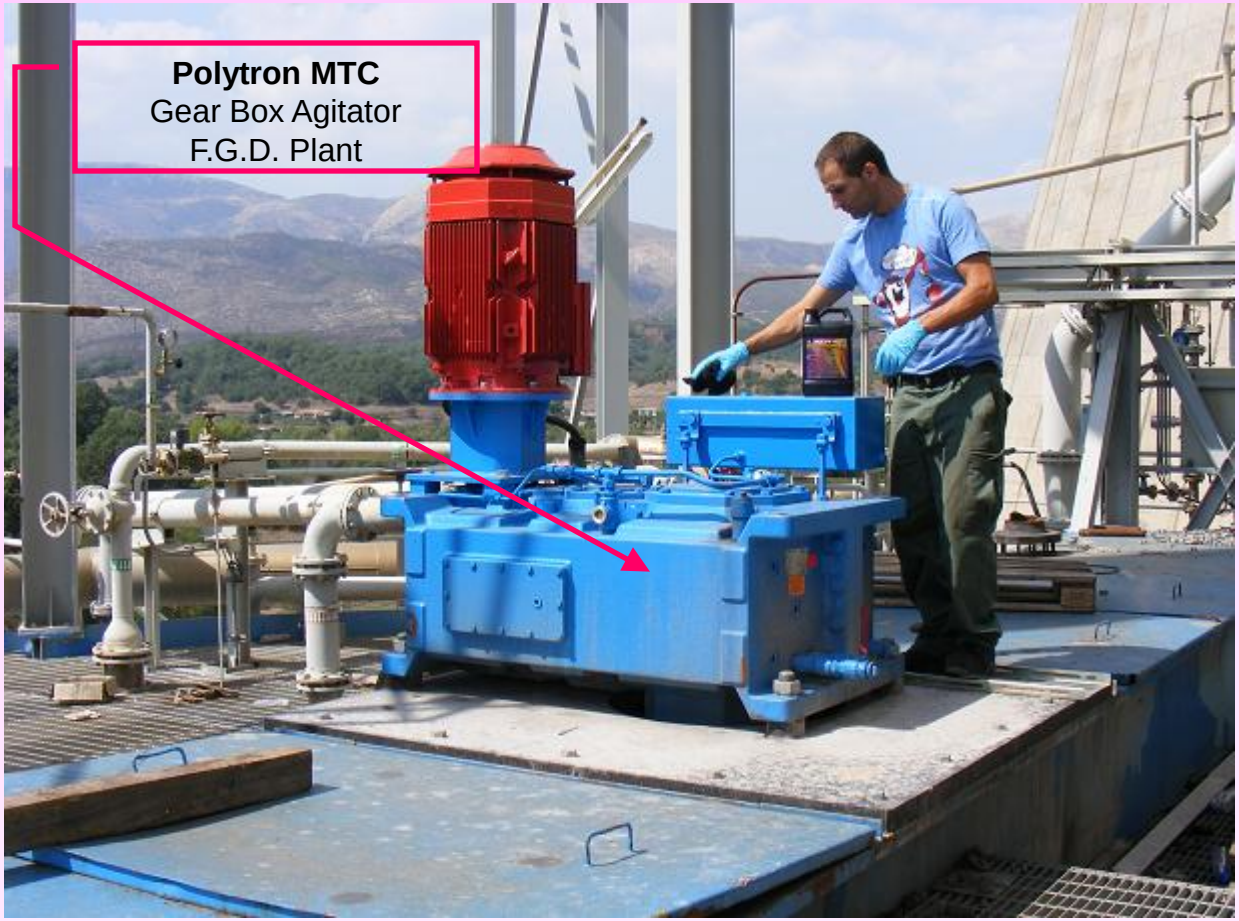
# Industrial Application - GREECE

Pic 2

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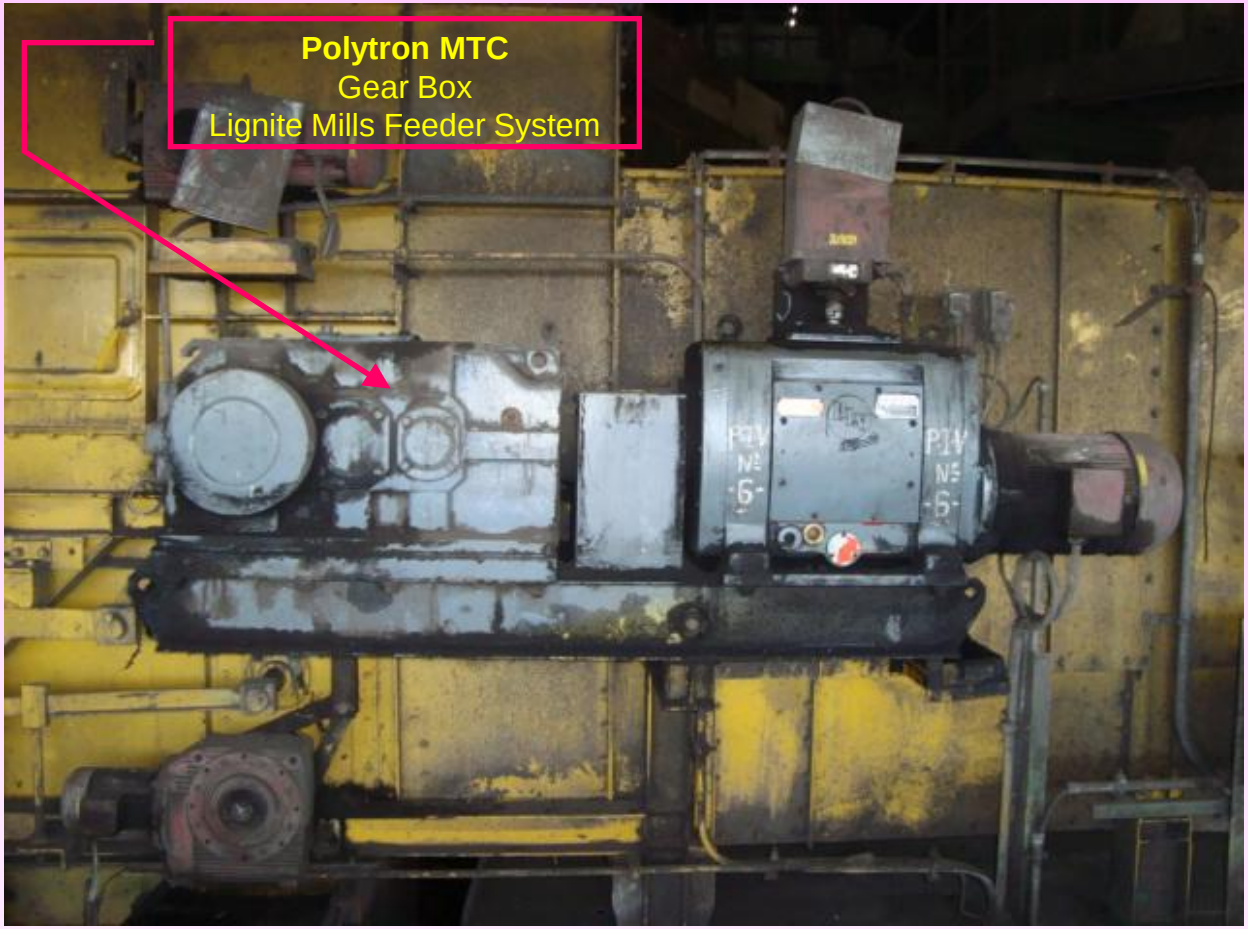
Pic 3

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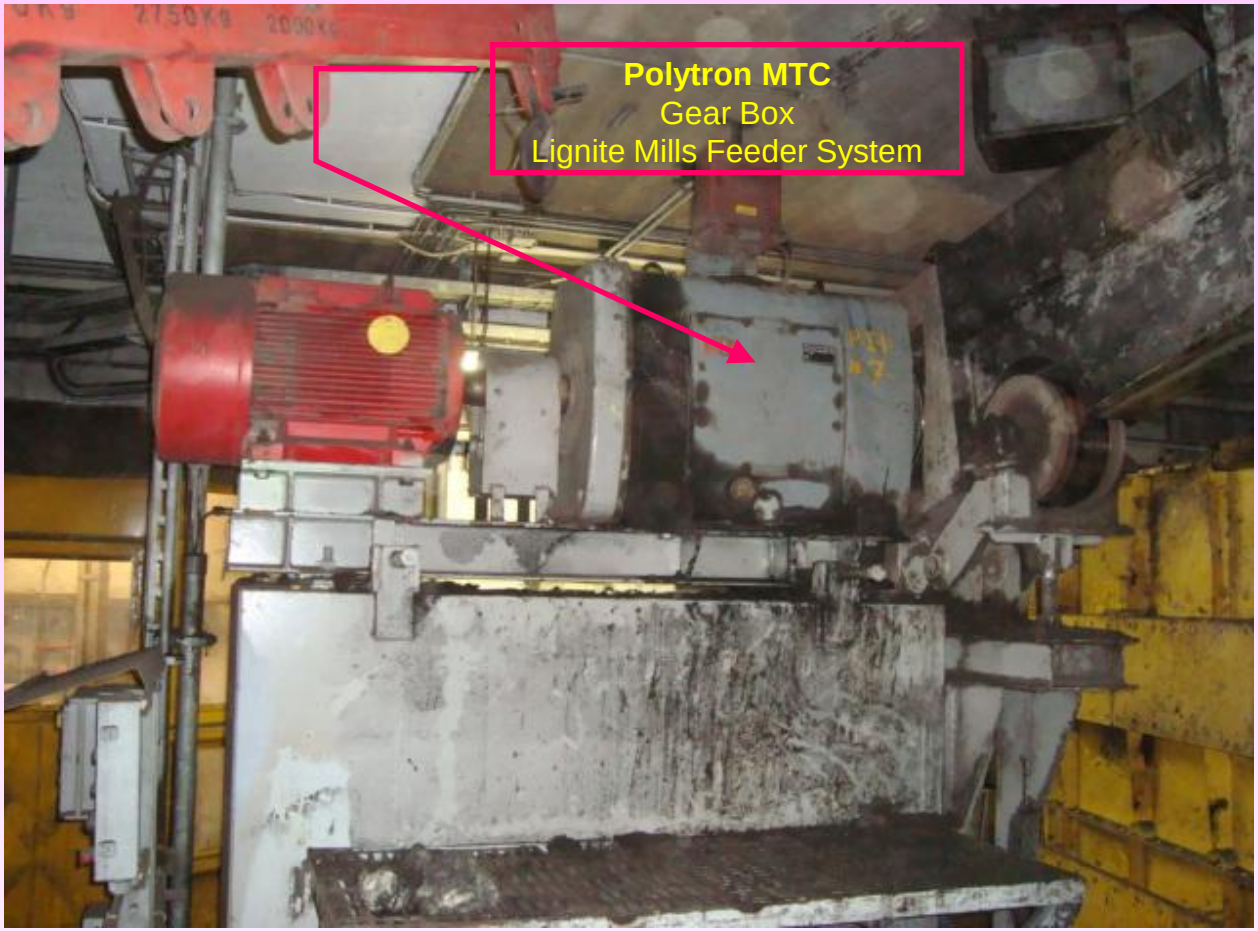
POLYTRON
ULTRA PERFORMANCE

# Industrial Application - GREECE

Pic 4

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# Industrial Application - GREECE

Pic 5

Polytron MTC
Gear Box
Ash Conveyors
System

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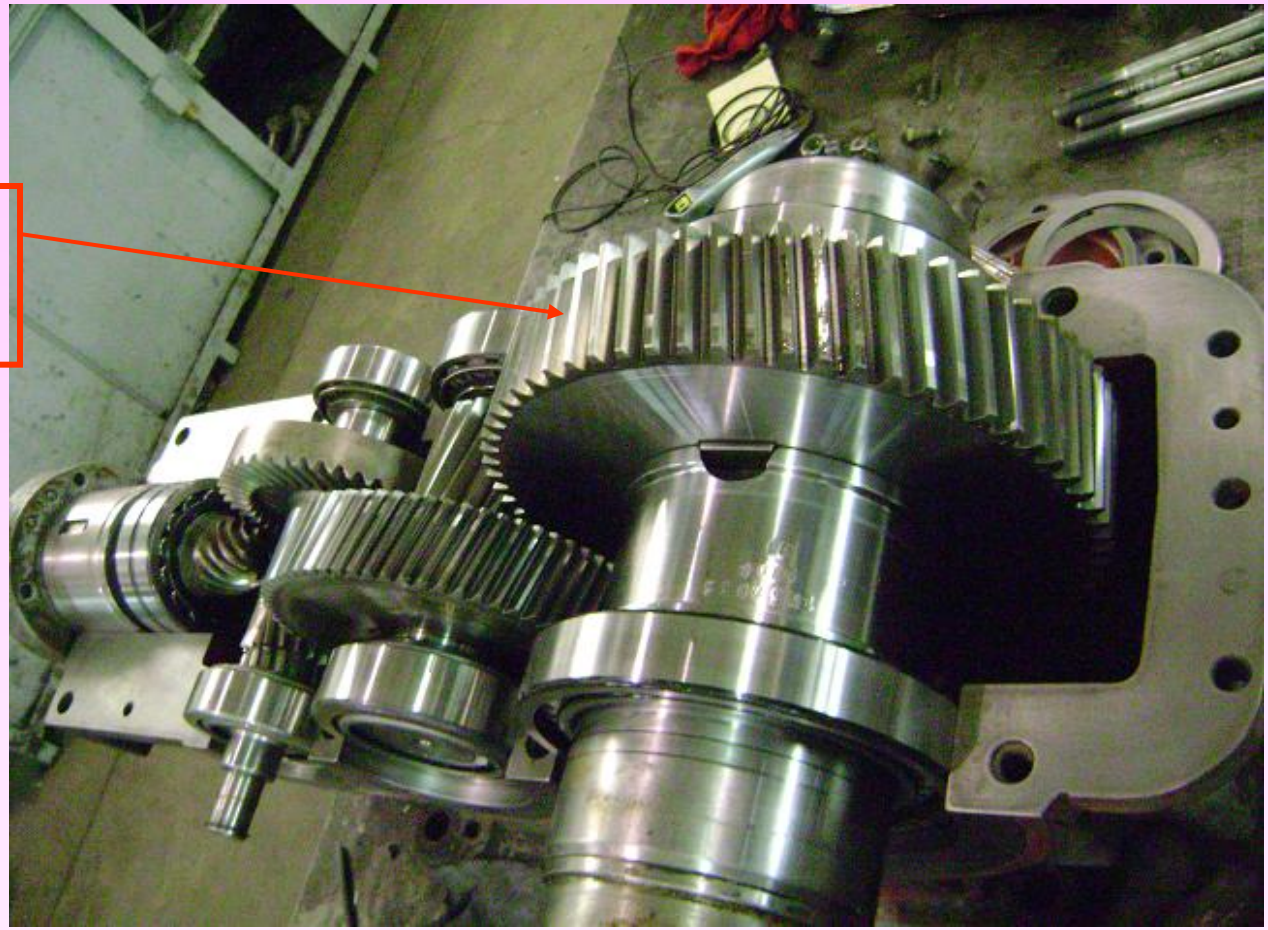
# Industrial Application - GREECE

Pic 6

**Polytron MTC**
**Gear Box**
**Lignite Conveyors**
**System**



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Pic 7


3 – 4 Celsius bellow after using Polytron
Average temperatures before Polytron 56 - 60ºC during the hot day Average temperature after Polytron 54 - 56ºC

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# Industrial Application - GREECE

Pic 8


In this case we are not capable to measure the temperature. They note temperature decrement touching the bearing before and after using Polytron

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# Industrial Application - GREECE

Pic 9

**Polytron MTC**
Bearing - Cooling Water Pump Turbine System & Boiler System

In this case we are not capable to measure the temperature. They note temperature decrement touching the bearing before and after using Polytron

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# Industrial Application - GREECE

Pic 10

Polytron MTC
Bearing – Gypsum Pump
F.G.D Plant

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# Industrial Application - GREECE

Pic 11


In this case we are not capable to measure the temperature. They note temperature decrement touching the bearing before and after using Polytron

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# Industrial Application - GREECE

Pic 12

**Polytron MTC**
**Bearing** - Booster Fan
Emission Gases
System

I have sent you report about booster fans. The temperature drops about at least 4 – 5 ºC below after using Polytron.
Average temperatures before Polytron >95ºC during the hot day
Average temperature after Polytron < 90ºC (Note, bearing was in faulty condition)

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# Industrial Application - GREECE

Pic 13


In this case I have not temperature notes. This lignite mill belongs to small unit I. The engineering note bearing temperature decrement after using Polytron EP2 grease but not any noise decrement because the bearing in was out of order. He uses Polytron only to make test before the bearing replacement. Then he put Polytron to the new bearing to count Polytron bearing working hours for comparison reasons against to other grease.

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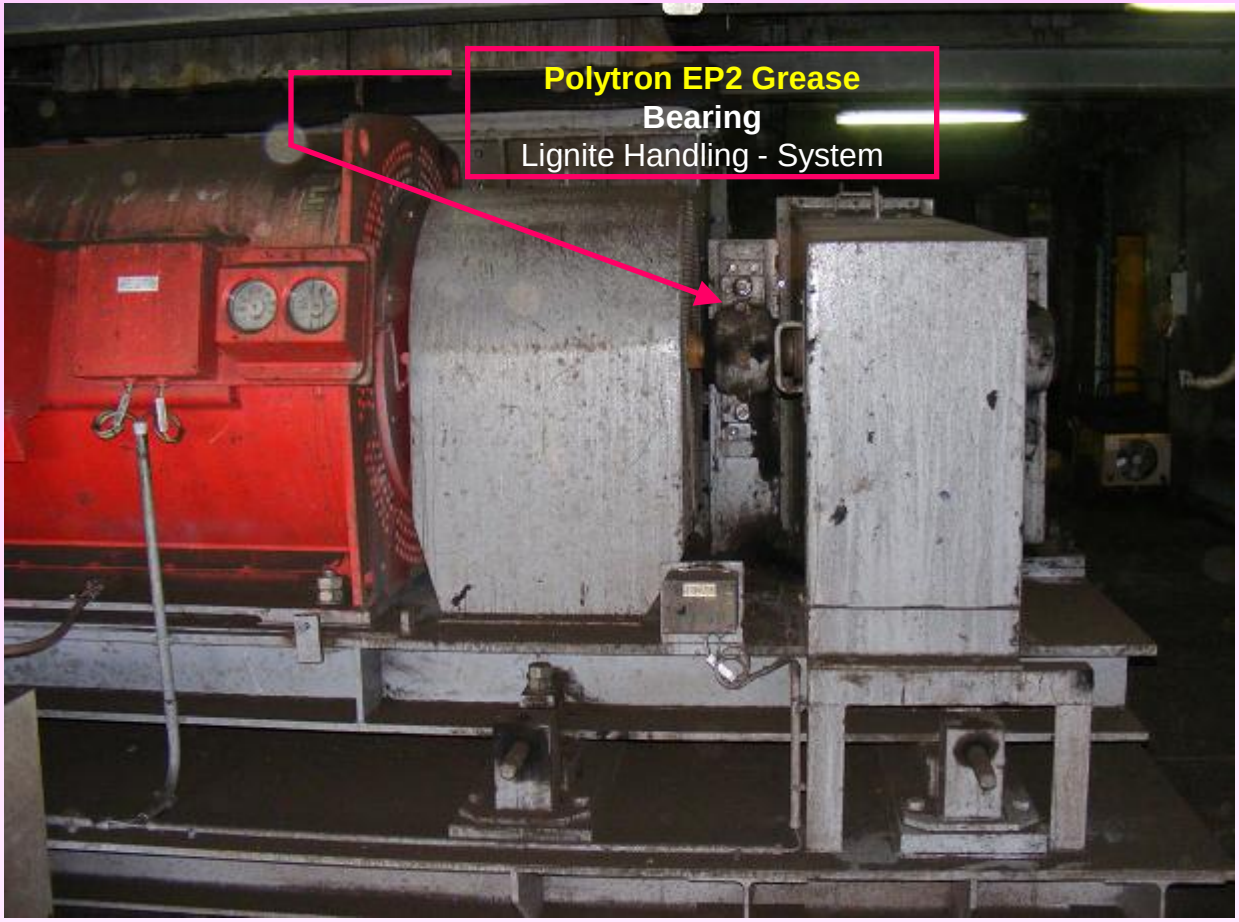
# Industrial Application - GREECE

Pic 14

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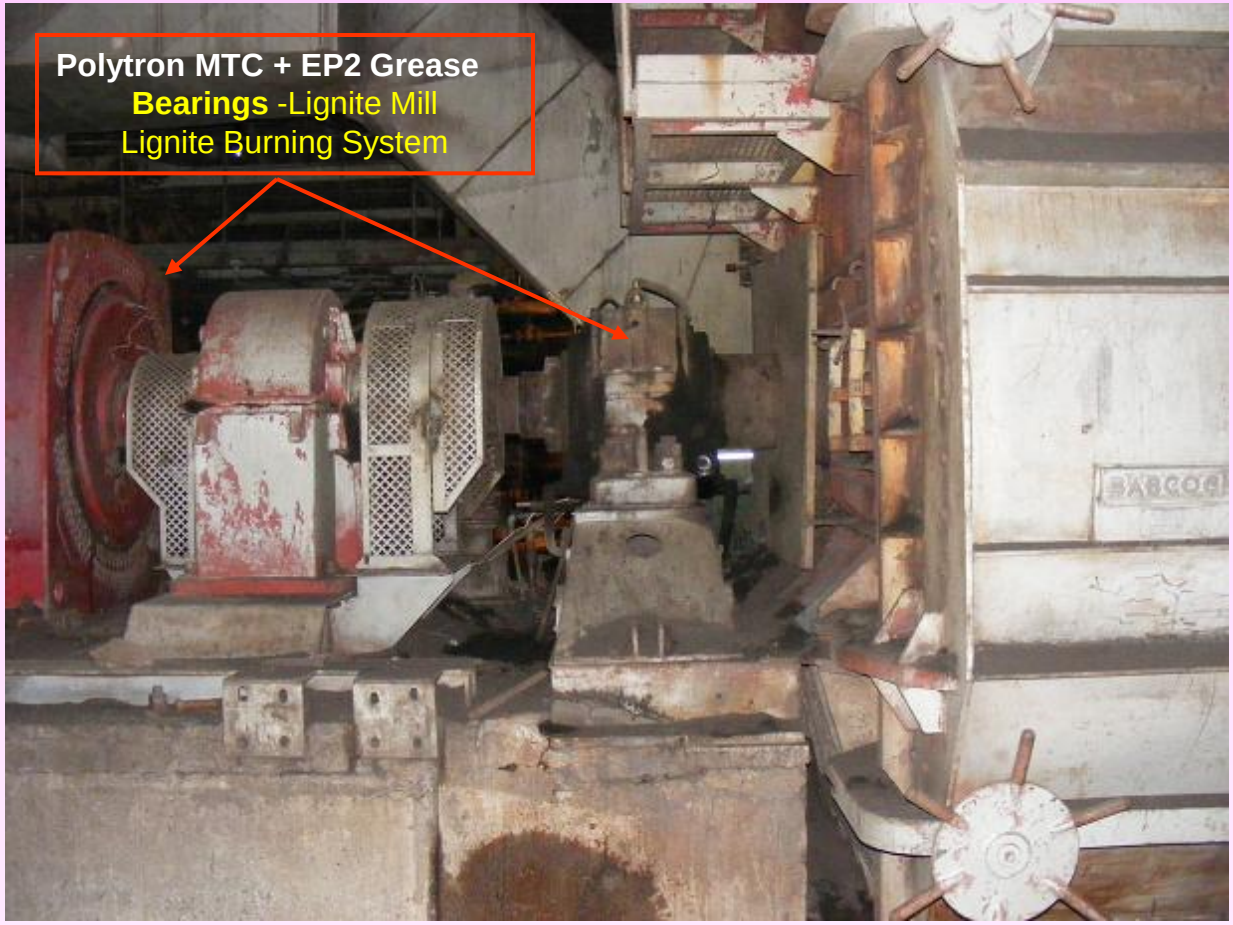
# Industrial Application - GREECE

Pic 15

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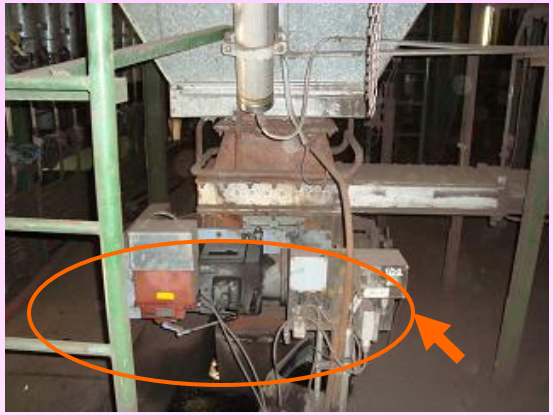

**PIV mechanism pictures**

The mechanism you see to the pictures appears a type of gearbox. We have not overheating problems here. Servicemen notes extends overhaul intervals after using Polytron. This type of mechanism has a bearing (balls) molar problem.