

Approvals and certification

High Quality standards in Industrial Pelleting factories



Approvals and certification

- OEM: CPM approval
- OEM: Mabrik approval
- ISO 9001
- ISO 14001



Did you know, we also have a flyer with Food Grade products for the animal feed industry? Please ask your matrix advisor!

ISO
9001:2015

ISO
14001:2020

Lubricants for Industrial Pelleting



The Right Lubricant for the Right Application



Products for Industrial Pelleting

Product	Description
Grease CAS 2 Plus <i>(Meets requirements PTN)</i>	High performance calcium sulfonate grease, with high resistance to high temperatures and high pressure. The grease CAS 2 Plus will work perfect in high load, water and dusty environments. Increase the lifetime of the bearings and reduce the grease consumption (recommended option)
Grease Lithium Complex EP 2 Blue <i>(CPM Approval)</i>	Grease Lithium Complex EP 2 Blue is a Lithium complex grease based on mineral oil with a special additive package
Barium Complex Pellet Grease 1.5 <i>(Approved by Mabrik)</i>	High performance barium complex grease developed for Mabrik pellet presses
Geartop PAO <i>(CPM Approval)</i>	High performance gear oil based on a synthetic PAO base oil (recommended option)
Gearmax <i>(CPM Approval)</i>	Gear oil based on mineral oil
Airtop DI/Vacutop DI	Compressor and Vacuum pump oil based on a synthetic ester. Reduced compressor / vacuum pump maintenance with very long drain intervals. Up to 8 times the service life of mineral oils
Hydromax HT ECO	Environmentally friendly hydraulic oil with long service life. Up to 5 times longer than the leading conventional hydraulic fluids

For product and approval information, please contact your Matrix advisor!

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Made in the European Community



Energy saving
Reduced carbon footprint



Increased Bearing Lifetime
Reduced grease consumption



Specialty Additives
Extended relubrication intervals



CPM Pellet Mill 7932-5

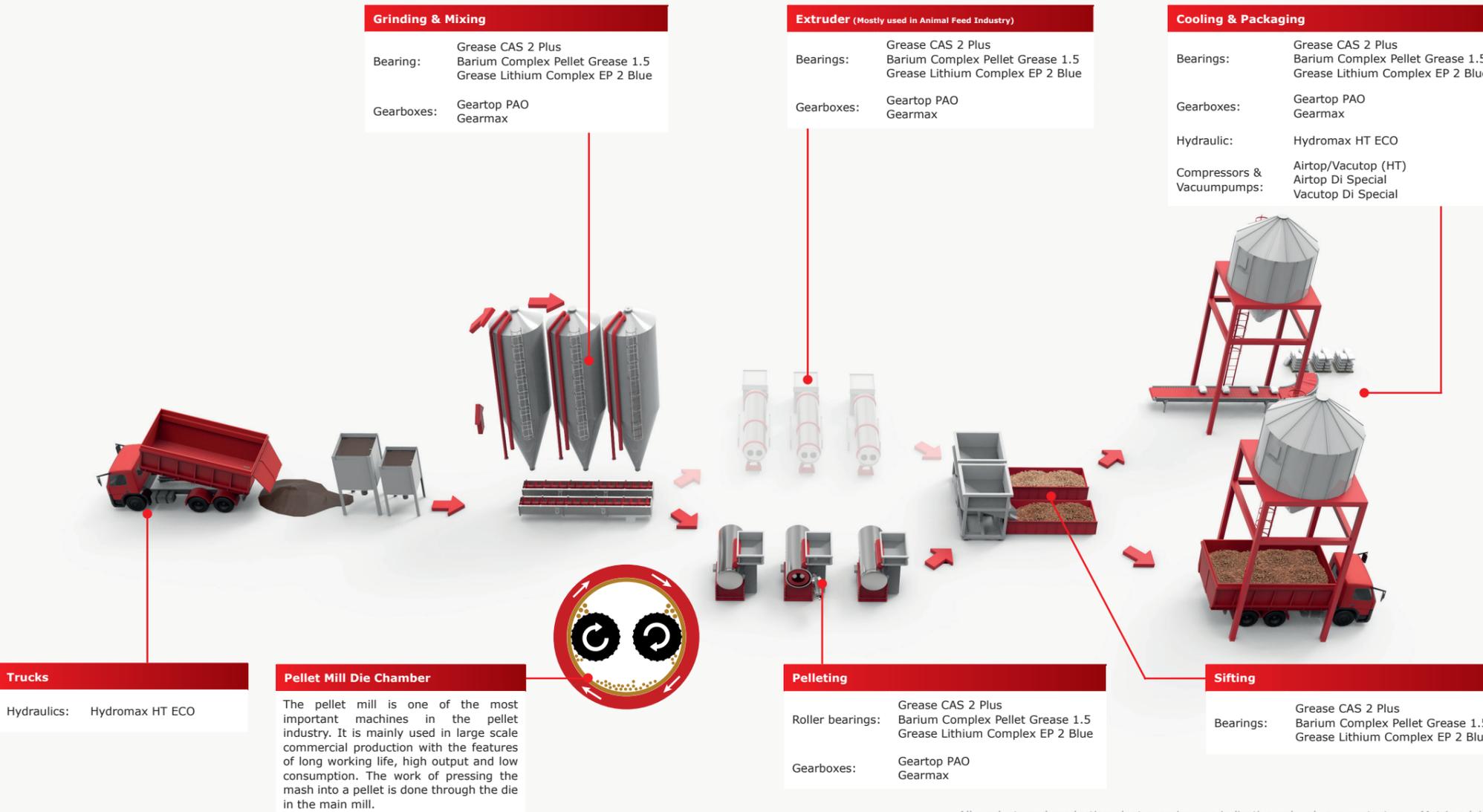
Industrial Lubricants

The production of pellets takes place under severe conditions with significantly increased grease consumption. Making sure you choose the right lubricant for the right application is extremely important. Matrix Specialty Lubricants offers lubricants for extending maintenance intervals, lubricant consumption, and component lifetime.

Matrix Specialty Lubricants has developed an extensive range of industrial lubricants and greases. We continue to develop and add new products to the existing extensive portfolio.

Industrial Pellet Plant overview

For biomass and waste processing



All products and production plant overview are indicative only, always contact your Matrix advisor!

Challenges and Solutions in Industrial Pelleting

Challenge	Solution
Cost saving	Matrix Specialty Lubricants synthetic lubricants can increase the lifetime of lubricants 4 to 5 times longer compared to conventional lubricants (group 1 mineral), which results in lower consumption. By selecting Calcium sulfonate grease customers have had successes with saving up to 75% grease consumption
Bearing Failure (due to high load, dust, dirt and moisture)	The right choice of our greases can extend the bearing lifetime by thousands of hours. We recommend our Grease CAS 2 Plus
Energy saving & Lower carbon footprint	By using Matrix Specialty Lubricants synthetic lubricants you lower the carbon footprint and the energy consumption due to the technology we use in our synthetic lubricants
Rationalization of lubricants	Higher performance of our synthetic lubricants & CAS greases allows rationalization. Easier stock keeping (less SKU's). No risk of mixing and unwanted contamination
Strict OEM Requirements	Matrix Specialty Lubricants has OEM Approvals (CPM - Mabrik) and references in the pellet mill industry