



Steel industry solutions

Lubricants for
primary metals
process

Dedicated solutions to
improve your productivity



TotalEnergies

Your challenges

- **Reliability of equipment**
Maximize equipment lifecycle and productivity.
- **Severe working conditions**
Mitigate the impact of contamination ie: dust, dirt, water etc. and also varying temperatures.
- **Safety and sustainable production**
Operate in a safe manner while minimizing the impact on the environment.

Our solutions

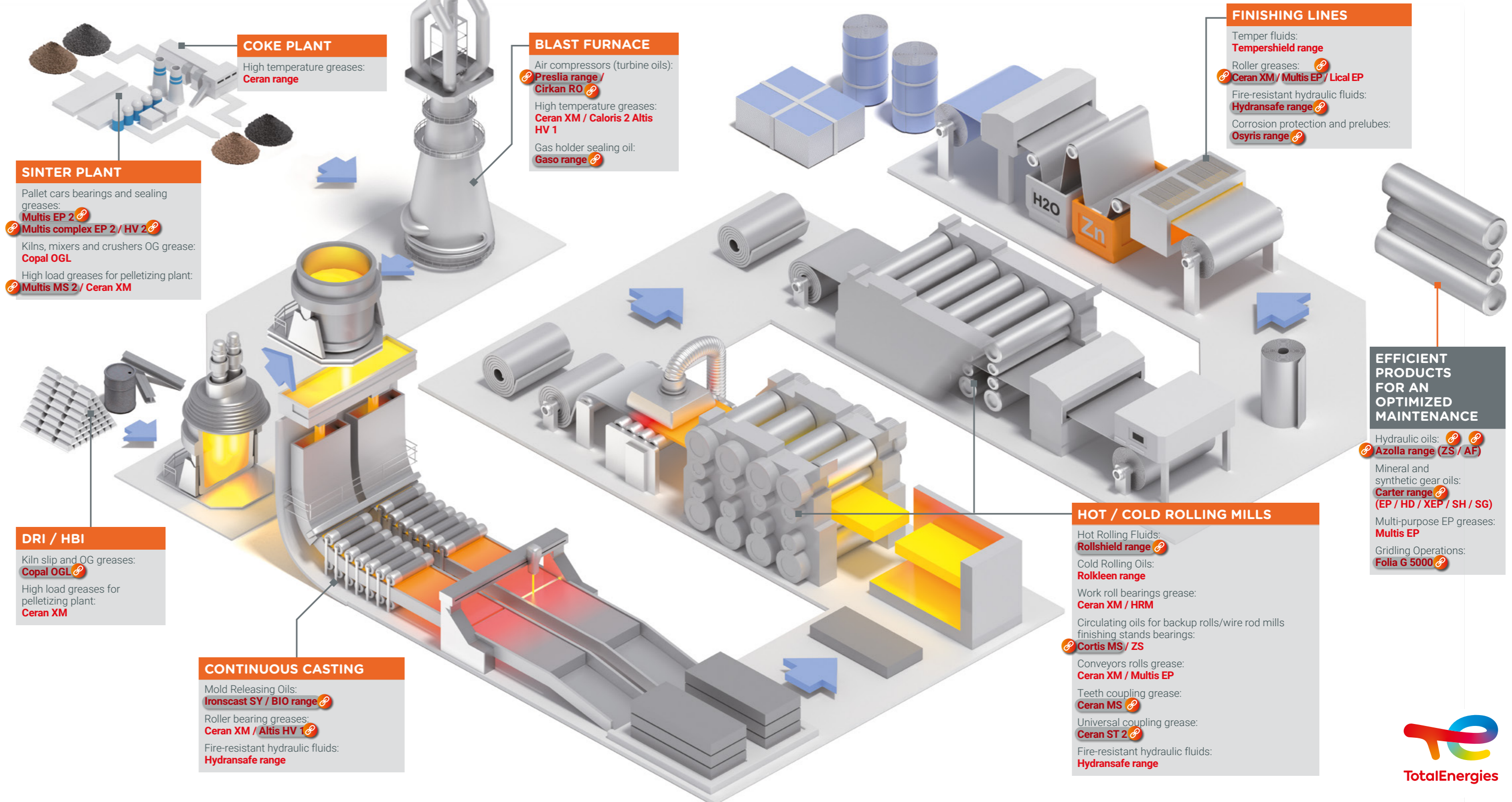
- **High performance state-of-art oils and greases**
Optimizing the lifecycle of key assets and equipment while minimizing downtime and maintenance costs.
- **Complete lubricant range dedicated for steel industry**
Long term experience handling the impact of high temperature operations with our new gear oil technologies and with Ceran, our grease range for steel as well as our fire resistant hydraulic fluids.
- **Products with reduced health and environmental impact**
Complete REACH registered product range. Ironcast release oil is an environmentally sensitive product. Optimization of lubricant consumption Ceran greases with outstanding water handling capabilities.

STEEL INDUSTRY

Since 1955, **TotalEnergies Lubrificants** has developed innovative high-performance products and solutions.

In a world of fierce competition within steel industry, any means to decrease operating costs and improve productivity is to be considered.

TotalEnergies Lubrificants is at your side to help you get the best from your machinery and to bring you both the reliability and the competitiveness you are looking for.



The **benefits** offered by TotalEnergies Lubrifiants

LubAnac provides you a full range of lube oil analysis, to allow you to anticipate and diagnose anomalies in the equipment. This solution is both preventive and corrective.

Thanks to LubAnac, you:



Reduce your operating **costs**.



Anticipate and plan maintenance operations to perform them at the **best time**.



Optimize drain intervals and **extend the lifetime** of your equipment.



Improve the reliability and performance of your equipment.

LubInsight Maintenance Planner, optimized maintenance software for your lubricants

LubInsight Maintenance Planner allows you to boost your productivity through efficient maintenance planning.

Built on the expertise of our engineers, LubInsight Maintenance Planner offers you to:



Increase efficiency and savings of your maintenance management.



Monitor lubricant parameters and analyses with a single tool.



Assert your quality and safety management through management of lubricant documentation and critical points.

Plan your orders with our Vendor Managed Inventory solution (VMI)

VMI enables you to:

- **Save costs** of stock shortage and over-stocks.
- **Optimize** and simplify your lubricant **stock management**.
- **Control** your lubricant **consumption**.



A major player

With our production, supply chain and commercial presence in more than 160 countries, we deliver a full range of lubricants.

Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your Total Cost of Ownership.

References & OEMs

TotalEnergies Lubrificants cooperates with equipment manufacturers to create high-technology products for optimal performance and production of your machinery.



Innovation & Research

TotalEnergies Lubrificants invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research Centers.

Quality and environment

TotalEnergies Lubrificants ISO 9001 and 14001 certifications are the guarantee of a long term commitment to quality and environment. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.



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Safety Data Sheets are available at ms-sds.totalenergies.com



TotalEnergies Industry Solutions