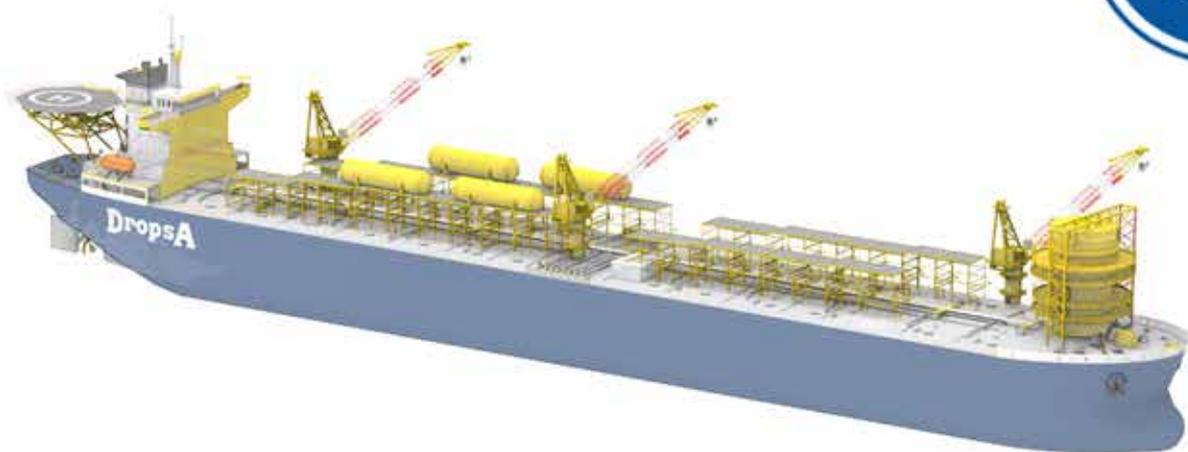
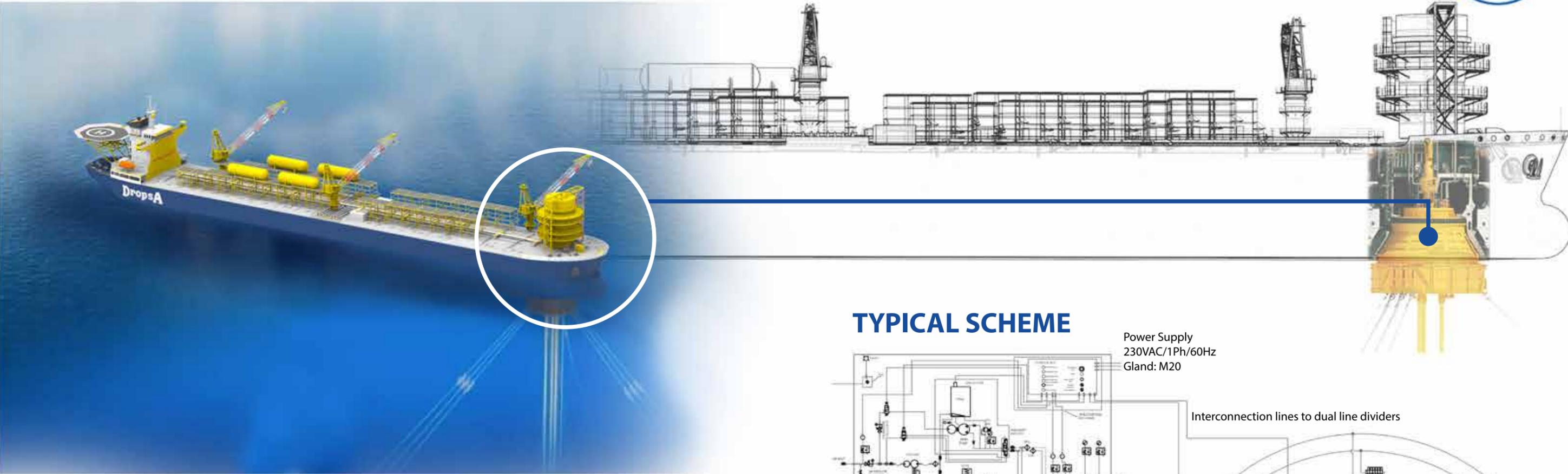


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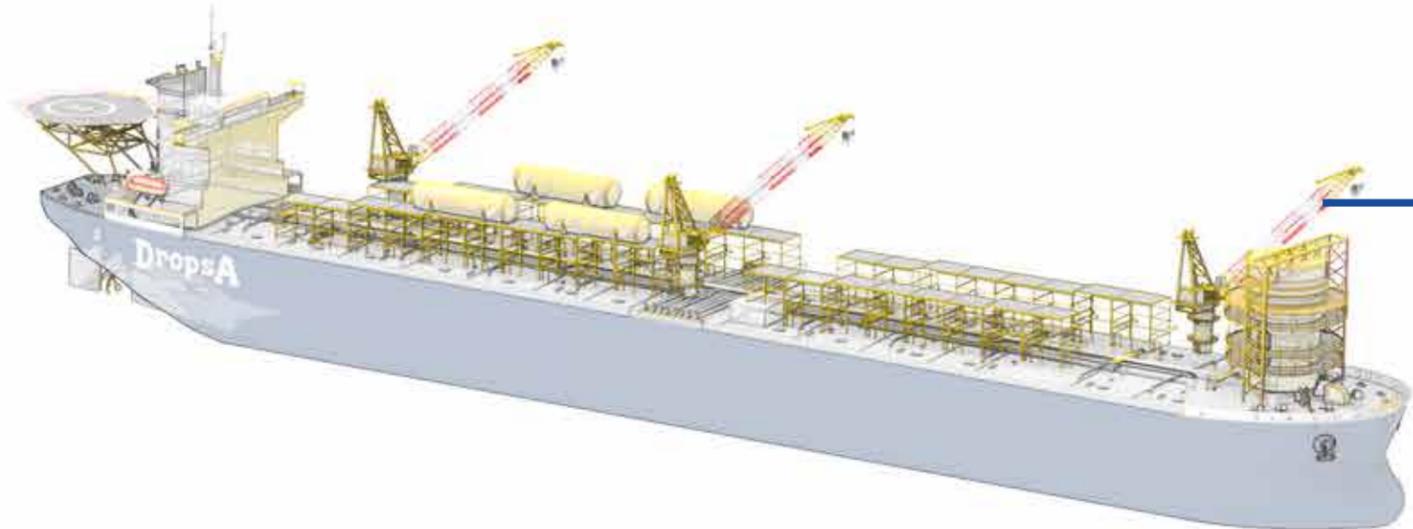
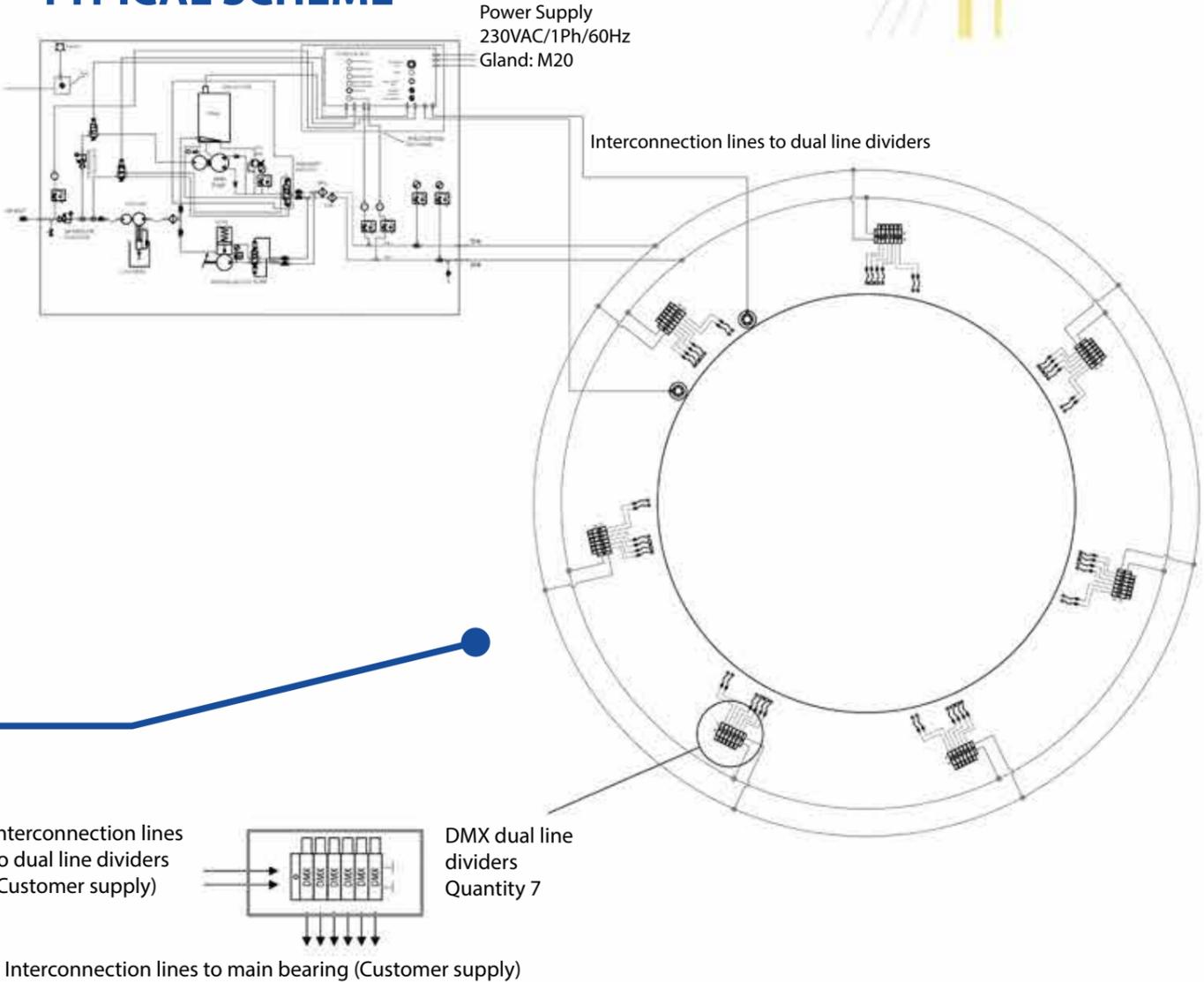
## MARINE AND OFFSHORE

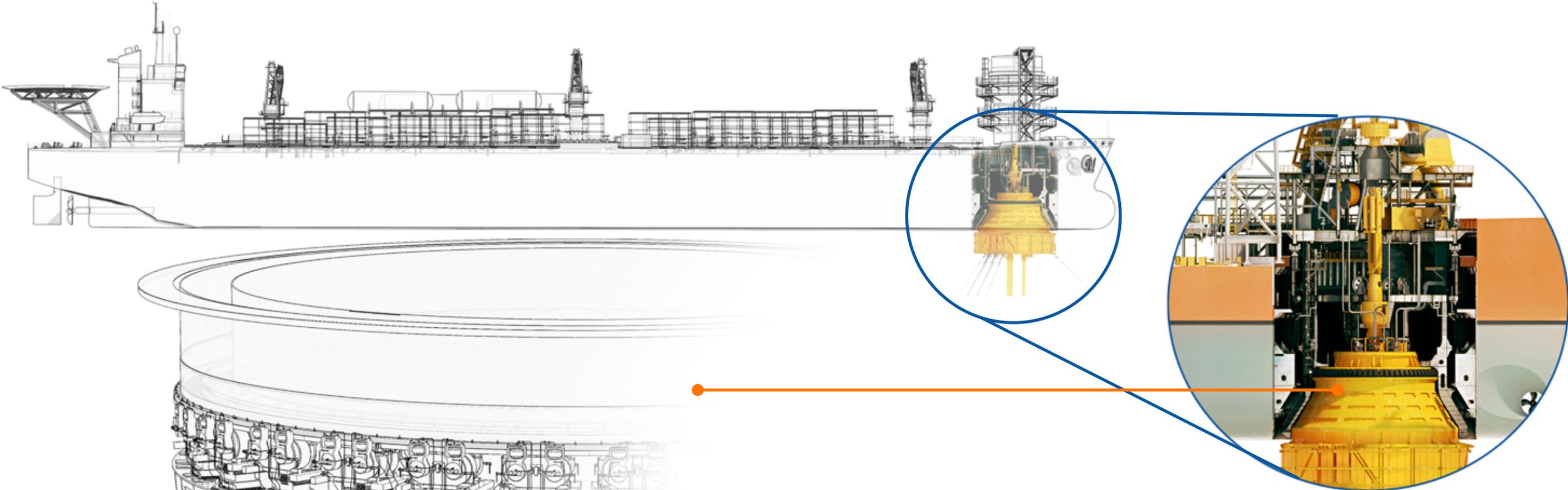




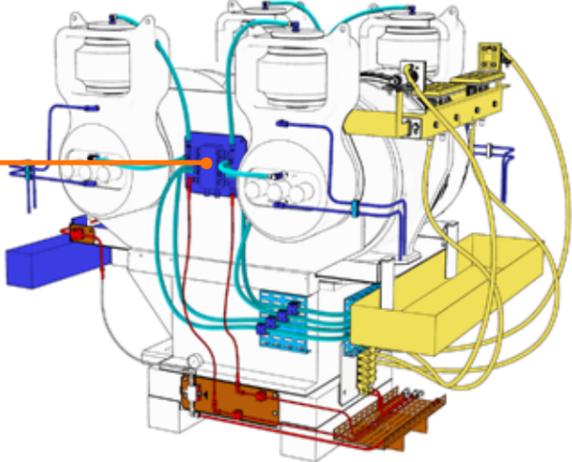
The **FPSO** turret let the vessel rotate up to 360° around the pivoting point. The turret needs large bearings (up to 8 meters diameters) or cylinder (up to 20 meters) that is held in place by bogies. bearing and bogies need to be lubricated to ensure the reliability necessary to satisfy the increasing workloads required. DropsA designed lubrication systems that comply the specifications required by the **Oil & Gas** sector (mainly atex).

**TYPICAL SCHEME**





Radial Wheel



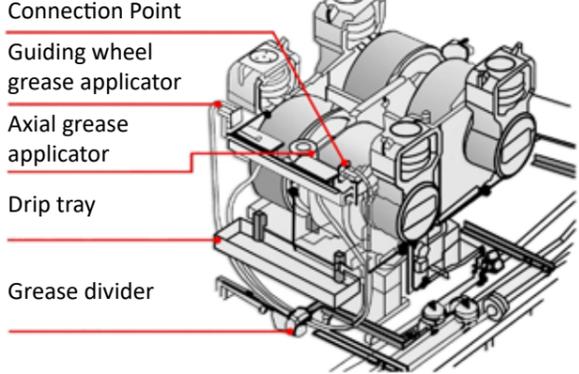
Dual Line Dividers - DMX type

Dual line type is the ideal solution for the lubrication of Turret Mooring System. The distribution is based on the dual line concept that provides a simple yet highly reliable greasing injection method that can cope with many of the unfavorable conditions found on this kind of system, such as variable back pressure, temperature variations that subsequently affect grease effective viscosity at operating temperature.



Greasing cabinet

The Main Greasing Cabinet comprises of a Sumo pneumatic grease pump, refilling and manual pump inside the cabinet that provides grease flow and pressure in order to operate the dual line divider valves to equally distribute grease to the points located on the bearing support via Dropsa dual line dividers and grease applicators: The pump pressurizes the first main line and then the second one therefore supplies the lubricant to the dual line metering element - DMX dividers.



Automatic lubrication: optimisation of costs and work times



The use of lubrication systems is even more indispensable for the correct operation of machines when they operate in difficult environmental conditions, such as those in the Offshore. The installation of an automatic lubrication system allows machine down times to be reduced and allows consumption of the lubricant to be controlled and the life of the bearings, chains and gears to be increased. Thanks to their many years of experience and a capillary network of branches and resellers all over the world, DropsA provides specific solutions for every need and follows the customer from the definition of the project to the installation to post sales support.

DropsA

Since 1946, DropsA has been producing systems and components for centralised lubrication, continuously developing new products and patents that have contributed to making the lubrication sector all over the world more innovative and competitive.

DropsA offers a vast range of products capable of maximising the profitability and productivity of your machinery, providing the latest technologies in terms of systems, functionality and components. Thanks to the branches and the specialised distribution channels, DropsA provides prompt responses, support and assistance to customers on a local or global level, guaranteeing the same high quality standards all over the world.



DropsA Production

The production, processing and automated assembly systems that are in the central plant near Milan are equipped with an advanced quality monitoring and product traceability system in order to guarantee both highly efficient processing and product assembly that accurately reflects the technical specifications. Continuous investments in all of the areas of design, engineering and production of the products ensure a constant increase in the reliability of the products themselves.



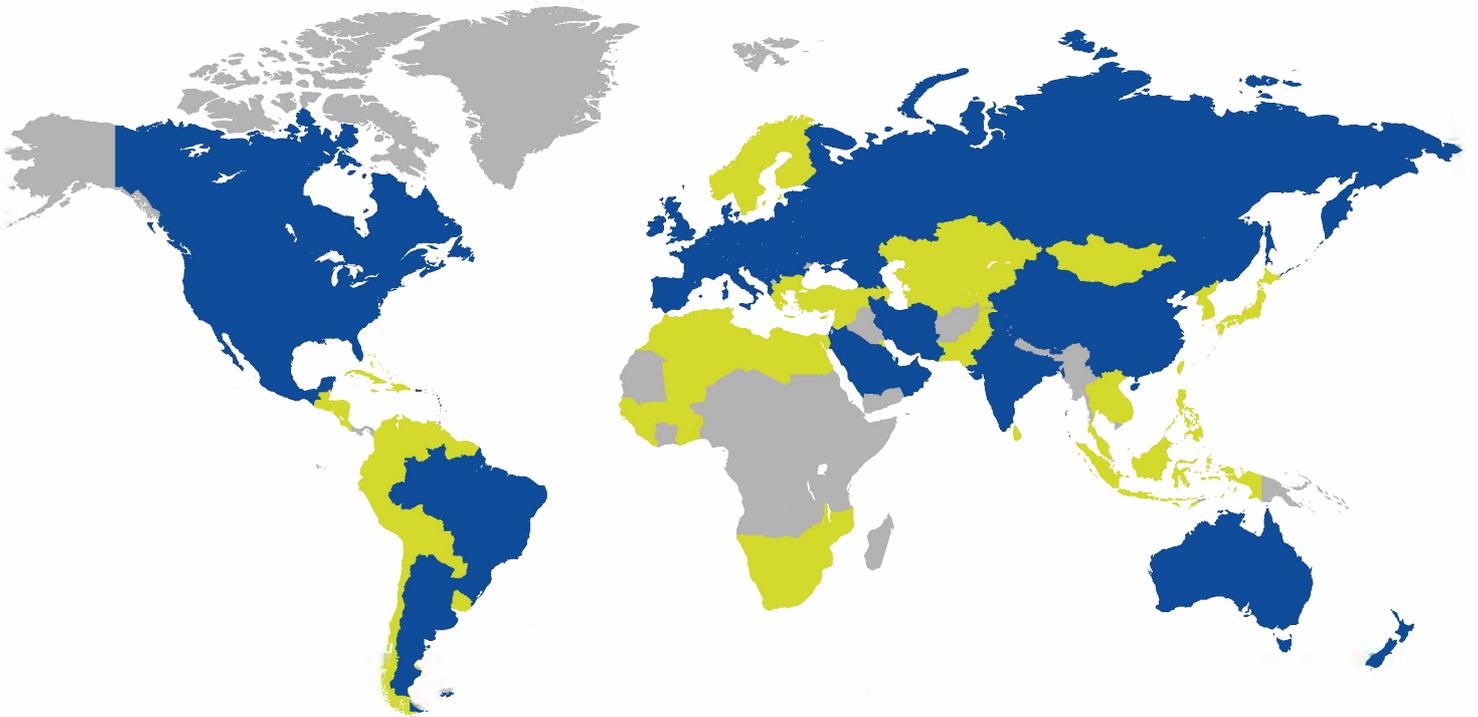
Systems Solutions

- TOTAL LOSS LUBRICATION
- GREASE LUBRICATION
- AIR/OIL LUBRICATION
- OIL RECIRCULATION LUBRICATION
- MQL NEAR DRY MACHINING LUBRICATION

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