



## **Production Plant of Lubricating Greases, Oils and Asphalt Products**

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**Lubricating Greases:** The plant has a production capacity of 10,000 MT / year of lubricating greases in the different work shifts. This amounts to twice the consumption of lubricating greases in Venezuela. Greases are produced from calcium, lithium (including compounds), and sodium soaps, and from inorganic thickeners. Production also includes mold release agents, corrosion inhibitors and special products. The plant facilities include:

- Saponification and grease finishing reactors.
- Storage silos.
- Mills, homogenizers, cooler and deaerator.
- Filling lines for bulk containers, drums, pails and smaller containers.

**Lubricating Oils:** The plant also produces lubricating oils, cutting fluids and special products. With three daily work shifts, it has an oil blending capacity of 100,000 MT / year. It also has filling lines for plastic containers of a quarter gallon, gallon, carafe, pails and drums, lines for bulk dispatch and 4,000 cubic meters in tanks for blending and storage.

**Asphalt Lubricants:** The asphalt lubricant process includes raw material storage tanks, blending tanks with heating by thermal oil and a drum filling line. There is also blending tanks and dedicated filling line for the liquid graphite coating manufactured in this plant.

The quality management system of the Production Plant of Lubricating Greases,

Oils and Asphalt Products –operated by CANGL– was certified by ISO 9001 since 1995. We now have the ISO 9001: 2008 certification. In this context, CANGL has the FONDONORMA mark on eight of its lubricating oils for gasoline engines, dual operation gasoline / natural gas engines for four-stroke vehicles, four-and two-stroke diesel engines; and two-stroke gasoline engines cooled by air and water. The FONDONORMA quality mark is on five types of greases manufactured in this plant.