

Wieland Caro and Comptech in development

The lubrication in a DC machine is of vital importance when Rheocasting leak free components why Comptech and Wieland Caro have started a co-operation to verify an optimal lubrication system.



Lubrication is often overseen as not important in HPDC but when development of leak free parts working under high pressures, often with complicated cooling media, lubrication plays an important role to reach high quality and a stable casting process.

Residual oil in the metal causes otherwise leak parts and impurities that is detrimental for the functionality of the component or reduces mechanical properties.

“When producing parts with extreme requirements in leak tightness it is vital that all parts in the casting process are performing in best possible way. With Wieland Caro solutions in plungers and plunger lubrication we have best possible conditions. Plungers that are sealing tight against the shotsleeve and a perfect dosing of the plunger lubrication in the sports where we benefit from the lubrication with a minimum of excess of oil. I am very happy to have Wieland Caro on the team when producing these high end applications”.

Dr. Per Jansson, CEO Comptech Rheocasting AB

About Comptech Rheocasting

The company develops, produces, and delivers equipment and know-how to the foundry industry and supports designers as OEM's. R&D is a vital role and together with leading R&D institutes we develop alloys with high requirements and alloys with very low CO2 footprint. Comptech AB is working on three continents.

About Wieland Caro

The Wieland Caro GmbH, founded in 1926, has been part of the Wieland Group since 1999 and offers customer-specific solutions for Slide Bearings and Die Casting. In the case of Slide Bearings, the portfolio ranges from individual parts for niche applications to series for automotive and mechanical engineering. In the Die Casting division are individual casting sets (piston systems for vacuum and powertrain parts, shotsleeves and lubrication equipment) for cold chamber die casting developed and produced.