



FOCUS ON SIMULTANEOUS ENGINEERING

YOUR ADVANTAGE IN AN INDUSTRIAL WORLD



LET'S TALK ABOUT YOUR INDUSTRY

GLOBALISATION OF COMMON PROCESSES

Original Equipment Manufacturers (OEMs) are facing fresh challenges to replicate production processes and transfer best practice.

TECHNOLOGICAL ADVANCEMENTS

Manufacturers are continually striving for greater efficiencies, specifically in quality, cost and productivity. Technological solutions provided by OEMs and their partners will lever their differential advantage in the market place.

GEOGRAPHIC EXPANSION

The preference to manufacture closer to primary markets in order to reduce shipping costs and overheads, plus the increased availability of skilled workers, has led to rapid expansion in China, India, Brazil and Eastern European countries.

WASTE REDUCTION

There is increased demand to meet, and exceed, environmental legislation and targets, particularly in areas of waste and energy reduction.

FOCUS ON SIMULTANEOUS ENGINEERING

Simultaneous engineering (SIMENG) is the collaboration of engineering partners, OEMs and suppliers in the development of new or modified processes.

At Castrol, we have used our extensive knowledge gained from working with Original Equipment Manufacturers (OEMs), machine tool builders and tooling suppliers to focus on simultaneous engineering projects.

Through our market insights combined with a thorough understanding of industry trends we can deliver innovative and technologically advanced solutions that push the boundaries of performance within your operations.

Whether your projects are greenfield or brownfield or process changes, we can work with you as your strategic partner from the beginning of a new project right through to start of production and beyond.





YOUR STRATEGIC PARTNER FROM THE START

We will engage with your engineering and design teams from the outset of a new project to assist in the development of optimum solutions, ensuring maximum and sustained performance at the lowest cost.

- Develop proactive relationships with your engineering and design teams to understand your specific plant and process requirements
- Provide research and development in support of your requirements, from new product development through to re-engineering processes or greater levels of standardisation
- Responsive technical support to deliver your programme objectives, from project initiation through to start of production and beyond

We will use our extensive industry knowledge and project management skills to ensure transfer of best practice across all aspects of your project.

- Assist with the design and layout of product storage solutions to meet oil storage regulations
- Ensure operational efficiency across your product supply and logistics
- Management and control of 'in use' applications, including our metalworking fluids and lubricants, to ensure they meet your productivity, quality and cost targets
- Deliver efficiencies in order to minimise waste discharge and disposal, which helps to meet or exceed your local environmental legislation and targets

We will work with your chosen equipment vendors from the outset of a new project to obtain approval for all products, ensuring sustainable product performance within your processes.

- Dedicated OEM and engineering teams to liaise with your vendors, understand their requirements, and work with them to provide the appropriate product recommendations
- Gain product approvals through working with our customer service laboratory, the equipment vendor and your laboratory to test fluid compatibility and performance
- Provide products to the equipment vendor to ensure conformity to the process requirements prior to your sign off and subsequent equipment delivery

A RANGE OF CHOICES

Once production has begun we can provide a range of product and service solutions tailored to your requirements.

Castrol TechService

A complete range of Castrol products plus a range of advanced technical services including application support, performance surveys, laboratory analysis, system equipment, filtration programs and process troubleshooting.

Castrol SystemCare

Sophisticated metalworking fluid management for Castrol fluids with real time system monitoring using Castrol System^{RT}.

Castrol Complete^{CMS}

A comprehensive solution, including full product and process optimisation, waste minimisation programmes, and intensive management of fluids for continuous improvement in cost reduction and productivity enhancement.

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