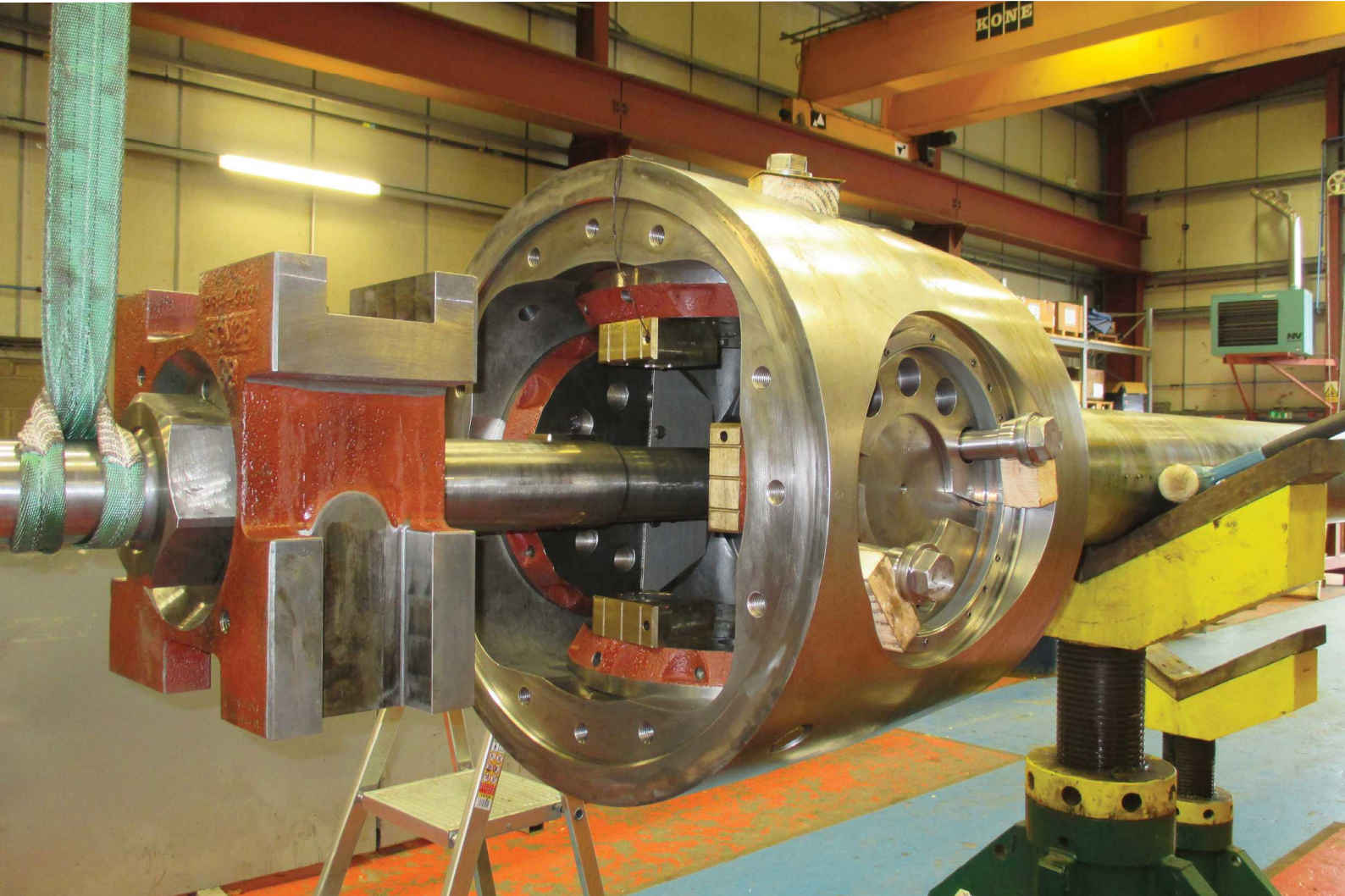


FITTING SHOP SERVICES

**FITTING SHOP SERVICES**

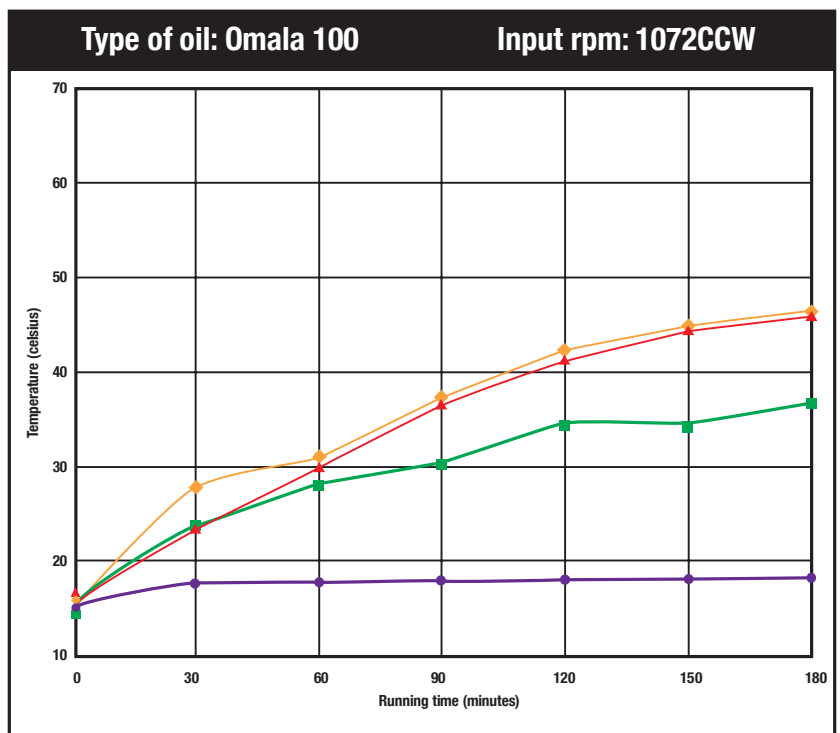
At our Glasgow Specialist Propulsion Workshop, we have a fully equipped, flexible fitting shop, served by overhead cranes with a capacity of 32 tons, and a building with an eaves height of 7.5m. Within the facility we can handle the strip down, inspection and rebuild of all types of mechanical and hydraulic machinery, large or small. We have a team of skilled tradesman with many years' experience in this field.

In the workshop, there is a full range of calibrated measuring equipment, hydraulic torquing equipment, hand tools, power tools, SKF hydraulic tooling, induction bearing heaters, liquid nitrogen, thermal blankets and consumables, to enable us to meet the requirements of any job.

Full NDT services are also on site to meet customer and any classification requirements.

The fitting shop is tailored around 24/7 working to meet tight breakdown schedules, and we carry out a diverse range of work for the marine, oil and gas, and general engineering industries.





SPIN TEST RIG

As part of our fitting shop services, we have a newly designed, and installed hydraulic Spin Testing Rig.

The Rig is primarily designed to test the operation of right angled gearboxes and ships thrusters, which contain crownwheel and pinion gearsets. However the unit can “Spin” a wide variety of mechanical components and assemblies which are shaft driven and contain gears and roller bearings etc..

The Rig has an array of sensors to monitor input RPM, temperatures hydraulic pressures and vibration, at 6 x locations if required. During the test, readings from all the sensors are collated and downloaded to provide a performance graph for the unit under test.



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