

Mobil SHC 524 synthetic hydraulic oil helps increase oil drain intervals by 700%*



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Bridge crane | Steel mill | Italy

Situation

An Italian Steel mill has operated bridge cranes under extremely severe environmental conditions with temperatures up to 120°C. The hydraulic systems on its cranes were originally lubricated with hydraulic oil that degraded rapidly, forming deposits and oil sludge which caused 2-3 unscheduled production outages annually. The oil drain intervals were around 4,000 hours.

Recommendation

To optimize oil drain intervals and decrease oil deposit and sludge formation, ExxonMobil recommended **Mobil SHC™ 524**, a synthetic hydraulic oil with excellent high temperature performance and oxidation resistance.

SignumSM Oil Analysis was used to monitor oil condition and ensure a safe increase of oil drain intervals.

Benefit

The company reports that switching to **Mobil SHC 524** has helped increase oil drain intervals of the bridge cranes safely from 4,000 to 32,000 hours compared to the previous mineral oil.

32,000
hours of ODI*

Industrial Lubricants



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Productivity™**

Safety

Planned maintenance was decreased helping customer to reduce employee interaction with equipment and diminish associated injury risks.

Environmental Care

Reduction in oil consumption has helped steel mill to decrease waste oil generated for disposal**.

Productivity

Reduction of maintenance, as a result of the extended oil drain intervals, has decreased oil consumption and led to a reduction in downtime, creating savings of approximately €9,800.

* This proof of performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

** Visit mobilindustrial.com to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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