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01 Black Oxidised Coated Bearing

UST has developed black oxide bearings to boost reliability & performance and slash failure rates by up to 70%

UST surface treatment of black oxide can significantly improve performance at acceptable cost

For a crane application engineers developed the coating to *protect against moisture and aggressive oil ingredients*. It also helps improve friction behaviour and reduce wear particularly under

mixed conditions. The *current application of crane hook used in offshore application* where the bearings are subjected to moisture saw improved bearing life thus resulting in lower downtime

Benefits

- Improved resistance to corrosion and smearing
- Reduced wear
- Lower damage from oil additives
- Improved performance in low lubrication condition

