

Johan Sverdrup Haven Project: Suction Caisson and Jack-Up Leg Installation

KimLift® Synthetic Round Slings

DATE

June to September 2017

BACKGROUND

Future Synthetics Pte Ltd designed and manufactured a total of 36 heavy lift slings for KTL Offshore (Middle East) FZC. The slings were used for installing the suction caissons, self-elevating legs and other structures for the drilling rig on location in Norway. This encompassed extended wet storage periods and subsea lifting for the KimLift® slings – all well within the slings design capability.

At the time of this project, the KLX-836 slings with a WLL of 1,004 metric tons and effective length of 38.00 meters set a new standard in the lifting industry for overall combination of lifting capacity and length for a synthetic sling.

The slings also made use of the high strength *FutureSteel®* yarn that was produced at Future Synthetics Pte Ltd using high speed twisters; meaning that this was truly a turn-key sling project for the KTL Offshore Group.

The *KimTest 3000* test bed easily accommodated the larger sling length and test load of 1,245 metric tons. All slings were made with *Engineered Length Control®* for strict length compliance.



Haven Project, Norway KimLift® Synthetic Round Slings

Pioneering the Future of Heavy Lifting!



SCOPE OF SUPPLY:

12x KimLift® synthetic round slings KLX-831; MBL 3,392 MT (adjusted for bending diameter) and nominal effective working length 38.00 meters.

12x KimLift® synthetic round slings KLX-434; MBL 1,695 MT (adjusted for bending diameter) and nominal effective working length 4.00 meters.

12x KimLift® synthetic round slings KLX-269; MBL 1,021 MT (adjusted for bending diameter) and nominal effective working length 4.00 meters.


100x KimLift® synthetic round slings KLX-77; MBL 325 MT and nominal effective working length 9.00 meters.

Designed and manufactured in Singapore by Future Synthetics Pte Ltd (a subsidiary of KTL Offshore Pte Ltd) and tested at KTL Offshore (Malaysia) Sdn Bhd to DNVGL-ST-N001. Witnessed and certified by DNVGL.



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