

# Process Gas Compressor (PGC) Installation - Mumbai High North Project

## KimLift® Synthetic Round Slings

### DATE

November 2018

### BACKGROUND

Future Synthetics Pte Ltd designed and manufactured a total of 8 heavy lift slings for KTL Offshore (Middle East) FZC. The slings were used for installing Process Gas Compressor (PGC) modules on the Mumbai High North platform for ONGC.

In addition to this, another 2 KimLift slings were supplied for lifting pipes in chocker hitch. These slings were specially prepared with additional cover protection to ensure they could withstand the high abrasion and tearing forces that occur with a chocker hitch.

The use of synthetic KimLift slings for this heavy lift project was a milestone for the heavy lift contractor; being the first such project in this region to use synthetic slings instead of steel wire rope slings. The slings also made use of the high strength *FutureSteel®* yarn that was produced at Future Synthetics Pte Ltd using high speed twisters.

All slings were made with *Engineered Length Control®* for strict length compliance.



## PGC (Mumbai High North) Project, India KimLift® Synthetic Round Slings

*Pioneering the Future of Heavy Lifting!*



### SCOPE OF SUPPLY:

2x KimLift® synthetic round slings KLX-815; MBL 4,076 MT (adjusted for bending diameter) and nominal effective working length 38.00 meters.

2x KimLift® synthetic round slings KLX-601; MBL 3,005 MT (adjusted for bending diameter) and nominal effective working length 23.1 meters.

2x KimLift® synthetic round slings KLX-563; MBL 2,813 MT (adjusted for bending diameter) and nominal effective working length 18.9 meters.

2x KimLift® synthetic round slings KLX-441; MBL 2,206 MT and nominal effective working length 8.10 meters.

2x KimLift® synthetic round slings KLX-165; MBL 827 MT and nominal effective working length 32.0 meters (used in chocker hitch).

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.