

# CM Instrumentation Vibration Monitoring

## Providing insight into the health of your equipment

NOV's Condition Monitoring (CM) Instrumentation products and services collect real-time data, analyze, and report for equipment monitoring and condition-based maintenance, which enable more informed decisions for rig operations.

These specifically designed and optimized products consist of network infrastructure, applications, and sensors to facilitate the accurate monitoring of critical equipment components.

Our vibration monitoring service enables you to detect multiple failure points and wear and tear earlier. It also indicates when the rig crew is using or misusing the machine. Vibration monitoring can be implemented in the following technologies: topdrives, drawworks, traveling blocks, crown block clusters, crown-mounted compensators, and mud pumps.

We are certified by DNV as an approved supplier of condition monitoring services for machinery and equipment.



### Features and benefits:

- Enable maintenance based on use and condition
- Avoid unplanned maintenance during drilling operations and deliver the well on schedule
- Reduce unnecessary maintenance, lowering cost and risk
- Increase uptime and day rate efficiency
- Facilitate improved planning and optimization of maintenance costs
- Make decisions faster and with more confidence
- Establish a foundation for reducing the total cost of ownership

