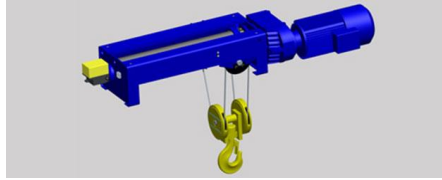


SENTINEL



JDN MONOCRANE have created a solution offering peace of mind and a practical cost effective Hoist monitoring system called **SENTINEL**.

This system monitors the following crane functions:

DUTY & SERVICE:

- ☑ **SENTINEL** accumulates actual Operating Time of the Hoist and numbers of starts associated with the operating time.
- ☑ Because of the variable nature of hoist loads, **SENTINEL** measures the load being lifted and the associated lift time, accumulates this data, and develops the actual load spectrum as per AS1418.
- ☑ With this data, **SENTINEL** develops the number of Operating hours between
- ☑ Service Intervals and provides an output when the Hoist Service Interval is reached as per AS2550.
- ☑ **SENTINEL** continues to accumulate the data providing TOTAL Service Hrs used and End of Life Hrs as a function of CLASSIFICATION and LOAD SPECTRUM.
- ☑ **SENTINEL** provides an output when the TOTAL Service Hrs has reached the End of Life Hrs.

OPERATION:

- ☑ **SENTINEL** monitors Load and provides an accumulated Total of Overloads for the customers information.
- ☑ **SENTINEL** also monitors Load snatch and provides an accumulated Total of Overloads for the customers information.

FAULTS:

- ☑ **SENTINEL** is monitoring 24 faults in association with Electronics, Motor and electrical supply. These faults are individualized and accumulated for permanent record and analysis.
- ☑ **SENTINEL** also displays the last 5 faults for evaluation and analysis.