Reciprocating Compressor Instrumentation and Condition Monitoring

**COMPONENTS AND NOMENCLATURE**
- Leek bearings
- Crosshead bushing
- Connecting rod
- Rod rod end bushing
- Rocker arm
- Cylinder
- Crosshead pin
- Crosshead pin bushing
- Connecting rod bearing
- Crosshead assembly nomenclature

**INSTRUMENTATION LAYOUT**

**MULTI-EVENT WHEEL**

**PISTON ROD BREAK**

**LEAK**
- Leak to low pressure side (suction valves or pressure packing leak, if CE chamber)
- Leak to high pressure side (discharge valves)

**INTER-CHAMBER LEAK** (usually piston rings)

**ROD LOAD MONITORING**

**CAPACITY CONTROL STEPLESS UNLOADER**

**CYLINDER PRESSURE INSTALLATION DETAILS**

**CYLINDER ACCELERATION OVERLaid WITH DYNAMIC PRESSURES**

**CONDITION MONITORING**

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Our machinery diagnostic engineers help you reach your safety and efficiency goals, increasing profits and reducing operation and maintenance costs.