

# Upstream: Production

EQUIPMENT TYPES	Performance	Bearing Failures	Detonation	Cavitation	Carryover	Leakage/Seal Failures	Fouling	Valve Problems	Plugging	Rod Drop	Absorber/Stripper Flooding	Stator Temperature Excursion	Spark Plug Failure	Lube
Rotating Equipment		X												X
Reciprocating Compressor	X							X	X	X				
Suction Scrubber					X				X					
Centrifugal Pump	X			X										
Centrifugal Compressor	X					X	X							
Heat Exchanger						X	X							
Gas Treating					X						X			
Generator												X		
Gas Turbine Engine							X		X					
Internal Combustion Engine			X										X	