

816BC Flow Switch - Rock Crusher

APPLICATION BULLETIN



A large quarry that crushes rocks with Allis Chalmers 60" Cone Rock Crushers experienced several loss of oil flow events. Each event was not detected quick enough by the OEM supplied electronic flow indicators and this resulted in down time to repair/replace expensive rotating components. The local Kaydon distributor showed the quarry the 816BC flow switch as a better method to determine a "flow / no flow" condition.

They were installed and it was discovered by quarry personnel that the 816BC not only provided an easy-to-understand visual indication of flow, but upon a "loss of flow" event, the 816BC signaled quickly for shut down of the crusher, thus preventing rotating component damage.



Allis Chalmers Hydrocone Rock Crusher



Model 816BC Flow Switch mounted on lube oil circuit for rock crusher at plant in Maryland.



Close-up view of Model 816BC TELEFLO® Flow Switch mounted on rock crusher lube oil (ISO 150) circuit for protection against loss of oil flow in quarry application.

Features and benefits

Longer Crusher Life

Model 816BC flow switch will keep the oil system protected by verifying flow. A loss of flow will be detected by the Model 816BC to prevent rotating component damage.

Fewer Forced Outages

A loss of oil flow can potentially cause a long term unwanted outage. The Model 816BC flow switch helps reduce the possibility of a forced outage by protecting critical rotating components (bearings, gears, etc.) if a "loss of flow" condition occurs.

Reduced Bearing Failures

When flow is verified, bearing failures will decrease or be eliminated.

Less-Costly Crusher Rebuilds

Constant checking of the lube oil flow with the Model 816BC TELEFLO® flow switch is the most dependable and low cost way of preventing damage to rotating components due to loss of oil flow.