

Proposal for addition of conditions that constitute “Hostile Environments” for lubrication intervals.

Current IOM statement

“For motors mounted vertically or in hostile environments, reduce intervals by 50 percent.”

Add the following,

Hostile environment is defined as any One or more of the following conditions

1. In Applications where bearing operating temperatures routinely exceed 85C (185F), lubrication intervals should be reduced by 50% for every 15C (59F) increase in temperature.
2. Exposure to high levels of dust, dirt, or other contaminants.
3. Exposure to high humidity.
4. Applications with high shock and/or vibration levels (i.e. crushers, mills).
5. Applications in which the motor will operate 24Hrs/day or frequent stop/starting.
6. For all belt drive applications.