



**Pump Division
1051 Palmer St.
Chippewa Falls, WI 54729
715-726-2650**

Technical Bulletin on Diesel-driven Engine-mounted Pumps

1202516

May 9, 2015

Pumps mounted to diesel engines should not be run at a low idle for extended periods. This can cause damage to the engine through incomplete fuel burn at low temperatures, a process known as wet-stacking. Additionally, operation at low idle generally results in rougher engine operation, which can cause damage to the pump due to the uneven vibrations. Such damage can occur to drive disks, shafts, impeller nuts and other components, and ensuing damage may then result.

Most diesel engine manufacturers recommend that the engine should be operated no lower than 1000 to 1200 RPM if being idled for more than a few minutes. Operation at low idle during start-up should not cause damage.

Any questions regarding proper engine operation should be directed to the engine manufacturer. Darley recommends a minimum idle speed of 1200 RPM for our pumps.

Questions can also be directed to our Customer Service Department at 800-634-7812 or 715-726-2650.