

Equipment Technical Bulletin

Premature Motor Failure in ILS, ILS Max, ILS MaxT
Summit XL and P-6100T Big Wheel Pumps



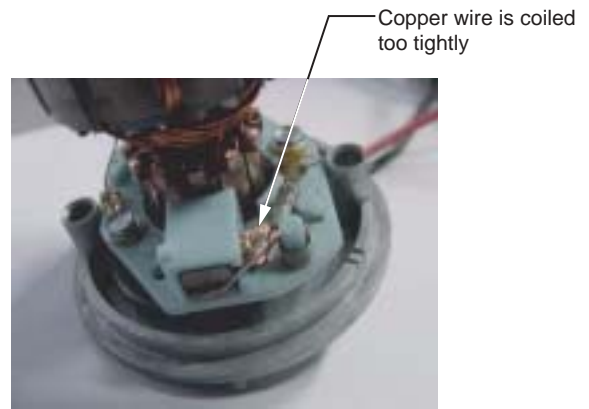
PROBLEM

We have received reports from the field of premature pump motor failure in Big Wheel pumps. The symptom is a motor that stops operating entirely or stops working but can be restarted by striking the motor housing. The problem stems from brush lead wires on some motors; our motor supplier coiled them too tightly. This tight coiling prevents the brush from moving in the brush holder as the brush wears. See photographs below.



15062F01

Correctly-placed
copper wire



15062F02

SOLUTION/ACTION

Due to the high level of disassembly required, field repair of the motor/brush assembly is not practical. Beta will replace any motor/gearbox assemblies, free of charge, for pumps exhibiting the symptoms described above. Please contact your Customer Service department to order replacements.

- 1201930 200 RPM Pump Motor Assembly (Santa Cruz supply)
- 038835 200 RPM Pump Motor Assembly
- 040628 98 RPM Pump Motor Assembly new finish.



Beta Technology
2841 Mission Street
Santa Cruz • CA
U.S.A. • 95060

TEL • 831 • 426 • 0882
TEL • 800 • 858 • 2382
FAX • 831 • 423 • 4573
FAX • 800 • 221 • 8416

Customer Service

TEL (U.S. and Canada) • 800 • 468 • 4893
TEL (outside U.S. and Canada) • 410 • 228 • 1292

Tech Support

sales@beta-technology.com

Online Ordering: <http://www.beta-technology.com>

Beta Technology

4 Finway, Dallow Road
Luton LU1 1TR
United Kingdom

Freephone • 0800 • 052 • 4726

Tel • +44(0) • 1582 • 528600

Fax • +44(0) • 1582 • 528111

Freephone • 0800 • 052 • 4726

VAT REG. NO. BG.354 • 09975 • 44

europa.sales@beta-technology.com

Customer Service

Tech Service

Beta Technology is ISO 9001 Certified.