



AmberTech MSM Heat Reduction Test

| Date | 5 PSI | Left | Right |
|---|-----------|------------|------------|
| 5/7/14 (Before AmberTech) Ambient Temp.: 75 °F | Bearings: | L1: 108 °F | R1: 104 °F |
| | Bearings: | L2: 110 °F | R2: 95 °F |
| | Blower: | 110 °F | 83 °F |
| 5/28/14 (3 Wks. After AmberTech) Ambient Temp.: 90 °F | Bearings: | L1: 101 °F | R1: 96 °F |
| | Bearings: | L2: 101 °F | R2: 95 °F |
| | Blower: | 87 °F | 86 °F |
| Heat REDUCTIONS 3 Wks. After AmberTech | Bearings: | L1: 7 °F | R1: 8 °F |
| | Bearings: | L2: 9 °F | R2: n/a |
| | Blower: | 23 °F | n/a |

| Date | 10 PSI | Left | Right |
|---|-----------|------------|------------|
| 5/7/14 (Before AmberTech) Ambient Temp.: 75 °F | Bearings: | L1: 134 °F | R1: 140 °F |
| | Bearings: | L2: 134 °F | R2: 146 °F |
| | Blower: | 101 °F | 101 °F |
| 5/28/14 (3 Wks. After AmberTech) Ambient Temp.: 90 °F | Bearings: | L1: 129 °F | R1: 117 °F |
| | Bearings: | L2: 124 °F | R2: 112 °F |
| | Blower: | 95 °F | 94 °F |
| Heat REDUCTIONS 3 Wks. After AmberTech | Bearings: | L1: 5 °F | R1: 23 °F |
| | Bearings: | L2: 10 °F | R2: 34 °F |
| | Blower: | 6 °F | 7 °F |

| Date | 15 PSI | Left | Right |
|---|-----------|------------|------------|
| 5/7/14 (Before AmberTech) Ambient Temp.: 75 °F | Bearings: | L1: 152 °F | R1: 150 °F |
| | Bearings: | L2: 160 °F | R2: 138 °F |
| | Blower: | 119 °F | 120 °F |
| 5/28/14 (3 Wks. After AmberTech) Ambient Temp.: 90 °F | Bearings: | L1: 148 °F | R1: 141 °F |
| | Bearings: | L2: 143 °F | R2: 130 °F |
| | Blower: | 114 °F | 119 °F |
| Heat REDUCTIONS 3 Wks. After AmberTech | Bearings: | L1: 4 °F | R1: 9 °F |
| | Bearings: | L2: 17 °F | R2: 8 °F |
| | Blower: | 5 °F | 1 °F |

Notes:

- Type of Blower: Gardner Denver
- Temp. readings were checked on 4 different bearings and 2 different blowers
- Temp. readings were checked at 5 psi, 10 psi, and 15 psi
- The duration of the test was 3 weeks long
- AmberTech M99 was used to treat the oil at 1 oz. per qt.
- AmberTech MSM Grease was used to treat the bearings