



Test Specifics

- Iwis Drive Systems performed a test where 2 chains were ran to failure to test the resistance to lengthening
- One was treated with a conventional lubricant, and the other was treated with the same conventional lubricant but with M99 added at 3%
- The red line illustrates the chain with the conventional lubricant
- The blue line illustrates the chain with the conventional lubricant with M99 added at 3%
- The y-axis (vertical) measures the lengthening of the chain by its %
- The x-axis (horizontal) measures the time passed in hours
- The conventional lubricant chain failed at approximately 76 hours and the lengthening of the chain had increased by .325 %
- At 76 hours (time the conventional lubricant chain failed), the lengthening of the M99 empowered chain had only increased by .163%
- The M99 empowered chain failed at approximately 105 hours, and the lengthening of the chain had increased by .300%

Conclusion

- This test concluded a 38% increase in the life of the chain that was treated with AmberTech M99 compared to the conventional lubricant chain
- At the point of failure for the conventional lubricant chain (76 hours), the lengthening on the AmberTech M99 empowered chain was 45.67% less than the lengthening that had occurred on the conventional lubricant chain