

## IXL Canada

8016 Wellington Cty Rd 7; RR#1, Moorefield, Ont, N0G 2K0

519 638-3292

[www.ixlcanada.ca](http://www.ixlcanada.ca)

"Efficiency is our newest resource"

---

### IXL Canada Product Evaluation

**Date: Oct 1/2015**

---

**Co-operator:** DYNOTUNES Motorcycle Tuning Centre

**IXL PRODUCT:** iXcl Metal Conditioner

Brantford, Ontario

**Treatment:** 1oz "iXcl" in per litre engine oil for base treatment evaluation

**Component Evaluated:** **2003 Harley Davidson "Road King"; 1550cc v-Twin; approx. 75,000 miles**

**Method Used:** Bike was "under load" run and warmed up on dyno for approx. 15 minutes prior to any tests; after warm up bike then run through several "full load" dyno runs to establish base lines. Bike was then shut down and "iXcl Metal conditioner" added to engine oil at 1oz per litre of engine oil. Bike was then re-started and "under load" warmed up on the dyno to return to nominal operating temperature and allow product distribution throughout oiling system. After approx. 15 minutes of run in bike was then run through dyno testing to establish performance.

**Measured Results:** See attached dynamometer reports on both horsepower and torque curves. Baseline test (untreated) is blue graph line; subsequent tests are red line and green line.

**Prior Treatment-**

**Post Treatment-**

Initial tests- max power 72.18 HP

After treatment- max power 75.74 HP

- max torque 81.52 ft/lbs

- max torque 88.85 ft/lbs

**Comments:**

- "Dynotunes" are extremely familiar with the performance and tuning responses from these Harley Davidson engines; they were very surprised to see this type of measurable response...almost 4hp and over 7ft/lbs of torque...with a very simple fluid treatment in a few minutes...with a retail cost of well below \$10 of product.
- It is the experience of "IXL Canada" that these short term improvements do in fact improve further with more "run in" time post treatment; the more heat and operating temperature exposure of the compounds to the mechanical components the greater the gain.
- Due to time constraints we were prohibited from further testing; however "Dynotunes" have committed to further evaluation on other bikes (and bike components) with greater run in time and more in depth evaluation which will be continued at a later date.