



FBI

- ▶ **FBI TESTED**
- ▶ **H&K MP5 9mm SUB-MACHINE GUN**
- ▶ **CYCLIC RATE OF APROX. 800 ROUNDS PER MINUTE**
- ▶ **WHEN LUBRICANT GETS HOT, THE GUN WOULD JAM**
- ▶ **CYCLE RATE GOES DOWN AS LUBRICANT FAILS**

CUSTOMER TESTIMONIAL

CUSTOMER & TEST PROFILE

Test was conducted by the FBI and Mr. Terry Paul with the Paul Company, Inc. They tested a H&K MP5, 9mm sub-machine gun. This firearm has a very high cyclic rate around 800 rounds per minute. They have lots of lubricant failures using xx (national brand) lubricants. The guns get hot and then they jam.

CUSTOMER TEST & RESULTS

The MP-5 was left in direct sunlight to heat up. The test was to see if there was a TD (time differential) that could be recorded. A timer that is used by pistol marksmen was used to record the time relay. The firearm was thoroughly cleaned and degreased, and dried before applying a coating of xx to the action. They fired a total of five (5), 30 round magazines for the test of this lubricant. These five (5) tests averaged a TD of 2.8 seconds. They loaded another magazine and the gun jammed with 11 rounds left in the magazine.

The MP-5 was allowed to cool for an hour before they began the test with Petron Plus Industrial Super Lube (ISL). Everything was repeated as far as the preparation and cleaning was concerned. The MP-5 was lubed with ISL and allowed to "cure" for 20 minutes. The first magazine timed in at 1.9 seconds. After firing the other four magazines they had an average TD with Petron Plus ISL in the MP-5, of 1.13 seconds, this is equivalent of 300 rounds more per minute. The rate of fire was so fast that the MP-5 would be empty before the first shell casing hit the ground. Secondly we fired a total of 250 rounds thru the MP-5 and could not get it to slow or jam.



ADDITIONAL INFORMATION

Manufactured By:

Heckler & Koch

The Model:

MP-5 9mm Submachine Gun

Place of Origin:

West Germany

In Service:

1966 - Present

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