



## Comparison of Lubrication Qualities Between

### Archoil AR4200 CLP

**Main Lubricant:** Tungsten Disulfide (WS<sub>2</sub>)

**Particle Size:** Nano (70 nm)

**Min Temp:** -54 F (WS<sub>2</sub> remains intact – 425F)

**Max Temp:** 1200 F

**Working under Extreme Heat:** Yes

**Evaporation Loss / Rate:** No, Nano technology lubricants are resistance to evaporation & separation

**Lubricity:** (WS<sub>2</sub>) Superior to M Pro 7

**Ability to Penetrate Metal:** Yes nano particles

**Load Bearing:** 300,000 psi

**Corrosion Properties:** 100%

**Dry Film Properties:** Yes forms a very hard dry surface

**Reduces Cleaning Times:** dramatically

**One Bottle Product:** Yes

**Mil Spec:** Yes MS 46000 C

**Humidity Cabinet:** 1200 hours (WS<sub>2</sub> resist moisture)

**Salt Spray Cabinet:** 2000 hours pass

**Harmful to Weapon Finishes:** No

**Corrosive:** No

**Coefficient of Friction:** 0.03

Technical Support: 203-265-5700

### M Pro 7 LPX

**Main Lubricant:** Teflon

**Particle Size:** Micron (0.02 Micron)

**Min Temp:** - 85°F

**Max Temp:** 482°F

**Working under Extreme Heat:** No  
(factually it is worth noting that heated TEFLON in General will 'clump at a certain temp) does not refer to above

**Evaporation Loss / Rate:** Teflon will start to evaporate at 260 degrees

**Lubricity:** Compared to Ws2, Teflon is good at best

**Ability to Penetrate Metal:** Teflon does not bond

**Load Bearing 3000-4500 PSI**

**Corrosion Properties:** Good

**Dry Film Properties:** No, And If you over-lubricate, it will migrate and / or run

**Reduces Cleaning Times:** Yes

**One Bottle Product:** Yes

**Mil Spec:** Yes Complies To Mil Spec 63460E

**Humidity Cabinet:** Pass 900 hours

**Salt Spray Cabinet:** 5% salt spray test for 168 hours pass

**Harmful to Weapon Finishes:** No

**Corrosive:** No

**Coefficient of Friction:** 0.05 - 0.20

Any or all information is drawn from the manufacturer's web site and data sheets, and then the base chemical information is from the manufacturer and research

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