

COMPARISON OF LUBRICATION QUALITIES BETWEEN ARCHOIL AR4200 CLP & M PRO 7 LPX

PRODUCTS TESTED
Archoil AR4200 CLP Firearms Oil



Contains or Requirements

Main Lubricant: Tungsten Disulfide (WS₂)
 Particle Size: Nano (70 nm)
 Min Temp: -54° F (WS₂ remains intact – 425° F)
 Max Temp: 1,200° F
 Working under Extreme Heat: Yes

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

Lubricity: (WS₂) 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 (WS₂ resist moisture)
 Salt Spray Cabinet: 2000 hours pass
 Harmful to Weapon Finishes: No
 Corrosive: No
 Coefficient of Friction: 0.03

M Pro 7 LPX

Teflon
 Micron (0.02 Micron)
 - 85° F
 482° F
 No (factually it is worth noting that heated TEFLON in General will clump at a certain temp) does not refer to above
 Teflon will start to evaporate at 260°
 Compared to WS₂, Teflon is good at best
 Teflon does not bond
 3,000-4,500 PSI
 Good
 No - And If you over-lubricate, it will migrate and / or run
 Yes
 Yes
 Yes - Complies To Mil Spec 63460E
 Pass 900 hours
 5% salt spray test for 168 hours pass
 No
 No
 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.