

pellet lube products that are frequently mentioned

pledge
silicone spray
silicone oil
Frog lube
Alchemy airwerks
Crosman Pellgun Oil
Napier Power Lube
10 cp silicone oil

“Super Lube” (Walmart) - a grease

characteristics of an airgun/pellet lubricant (proposed by the author)

Must

high flash point - no detonating
no harm to seals
no physical buildup or residue
no reaction with brass, steel, aluminum

Want

good lubricity
dissolution in fast evaporating solvent
inhibit oxidation of lead
inhibition of rust for barrel
Stable viscosity

http://www.pyramydair.com/s/a/RWS_Air_Chamber_Lube_Dropper_Silicone_Oil_50_oz/3002

<http://www.pyramydair.com/blog/2005/03/airgun-lubes-the-good-the-bad-and-the-ugly/>

Alchemy Airwerks

\$8.23 with free shipping for 1/2 oz

<http://www.ebay.com/itm/Airgun-Chamber-Lube-Pure-100-Silicone-Oil-2X-Crosman-Silicone-Chamber-Oil-/291551026977?hash=item43e1cb9f21>

<http://www.pyramydair.com/blog/2008/02/how-to-lubricate-pellets/>

Tom Gaylord mentions a UK company who makes claims about power and accuracy. Napier?

“Whiscombe oil” 2 parts Hoppes gun oil, 1 part STP”

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<https://www.shooters-choice.com/fp-10-lubricant-elite>

“semi -synthetic”

Shooter’s Choice FP-10 4 oz for \$6-9 “contains MT-10”

[OBJ]

<https://www.shooters-choice.com/pdf/FP-10%20MSDS.pdf>

<http://www.pyramydair.com/blog/2008/02/how-to-lubricate-pellets/><http://www.pyramydair.com/blog/2008/02/how-to-lubricate-pellets/>

Napier Power Pellet Lube

<http://www.napierusa.com/acatalog/Power-Pellet-Lube-10ml--6050--43.html#SID=3>

<http://www.straightshooters.com/napier-pellet-lube-spray.html>

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Napier Power Lube reviews

<https://www.amazon.co.uk/Napier-Pellet-Power-increase-accuracy/dp/B001FFIYS4>

Krytech

<http://www.finishlineusa.com/products/chain-lubricants/wax-lube>

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Slick 50 OneLube

<http://www.network54.com/Forum/79537/thread/1485937844/last-1485987559/Expand+Thread>

related (distantly) bicycle chain lube

http://www.velonews.com/2017/09/bikes-and-tech/the-who-what-why-of-chain-lubes_448772

Muscle Products Corp Firepower FP-10

<http://musclelubricants.com/firepower-fp-10-military/>

recommended by Marmot Militia

has flash point of 282F, largely petroleum distillates based on SDS ?!?!?

lead oxidation

<http://www.atcglass.co.uk/pdf/TS-TH-05a.pdf>

“patina formation follows the route: lead, lead oxide, basic lead carbonate, normal lead sulphate, and normal lead sulphate”

<http://nautarch.tamu.edu/CRL/conservationmanual/File14.htm>

corrosion can be removed with 10% HCl solution

also 5% EDTA

acetic, tannic, humic acids attack lead, do not store in oak cabinets or drawers

air-tight packages best

avoid oak, plywood

<http://cool.conservation-us.org/byform/mailling-lists/cdl/2000/1454.html>

lead cleaning

5 percent solution of ethylenediaminetetraacetic acid (EDTA) disodium salt is most effective
<https://nautarch.tamu.edu/CRL/conservationmanual/File14.htm>

dilute solution of distilled vinegar (acetic acid) will removed lead oxides.