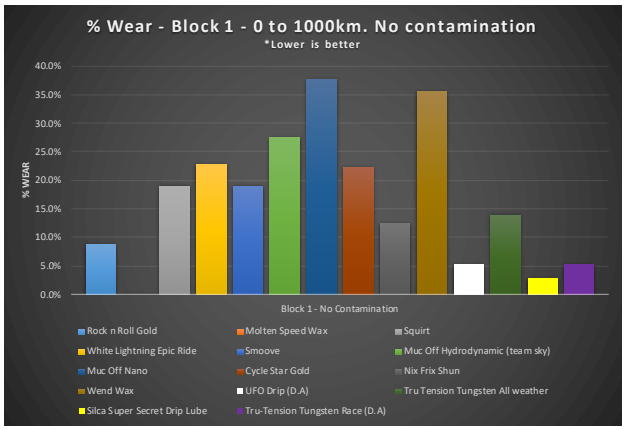
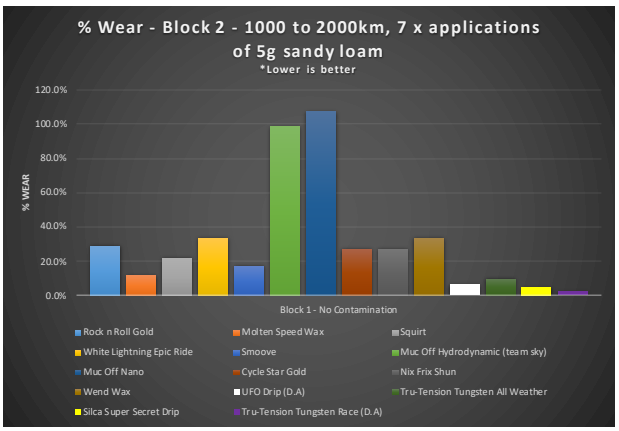
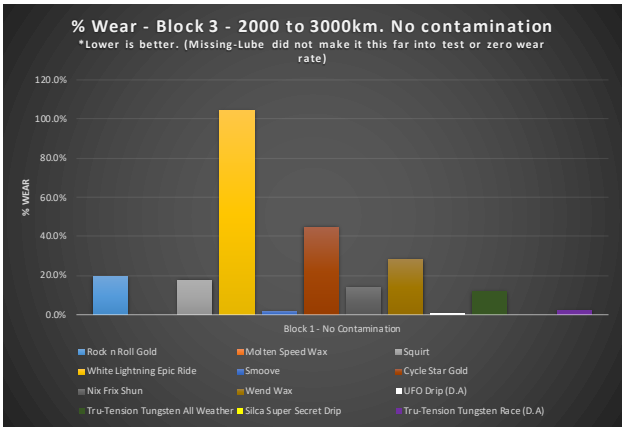
Zero Friction Cycling

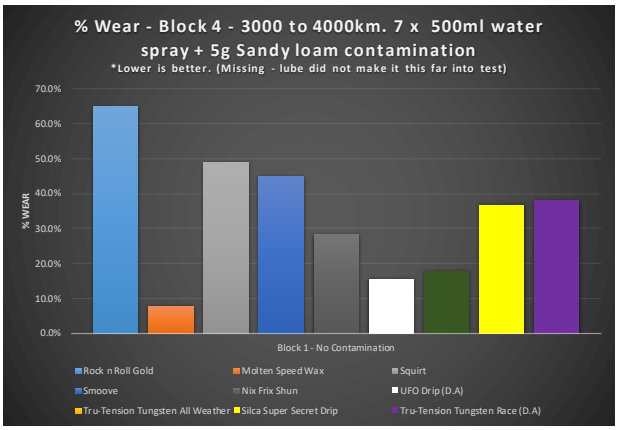
*Note 1 - "(D.A)" is abbreviation for "Double Application" - this means chain was re-lubricated at double rate (twice as often) vs standard test protocol

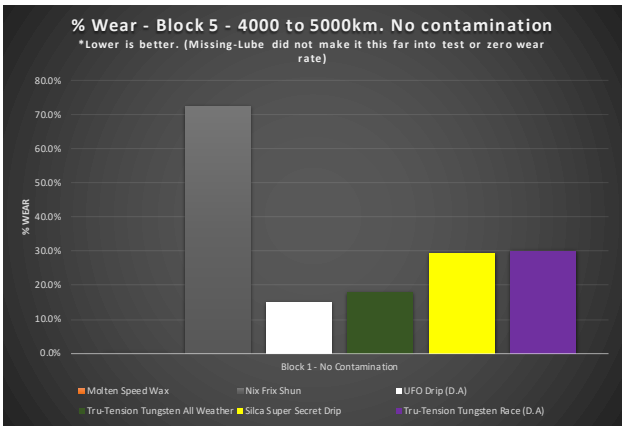
*Note 2- if a Lubricant no longer appears on chart it has exceeded 100% wear allowance mark and test was stopped for that lubricant at last chart it recorded a value

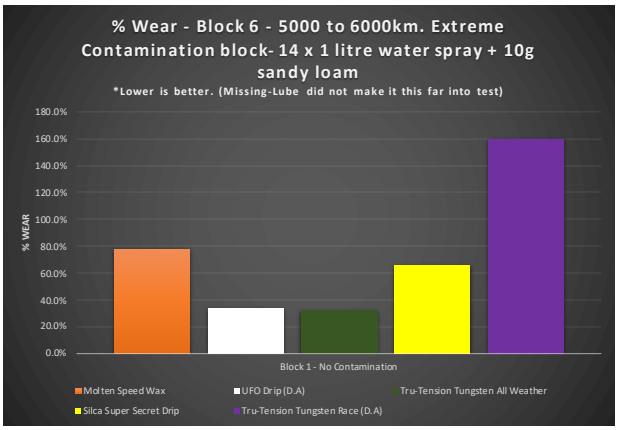


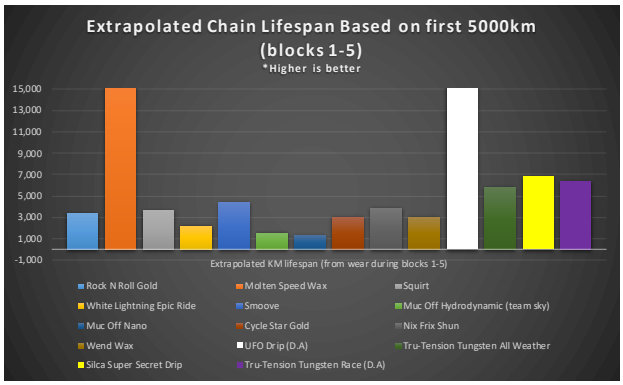


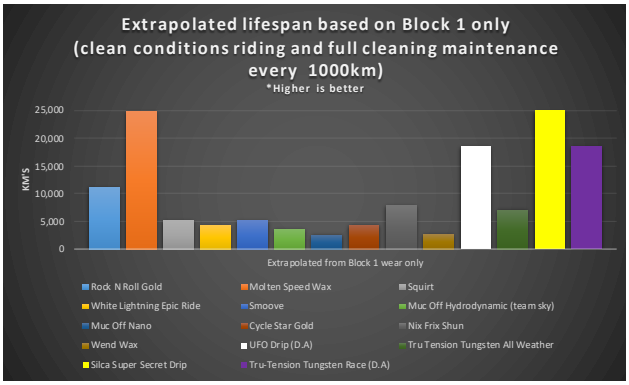


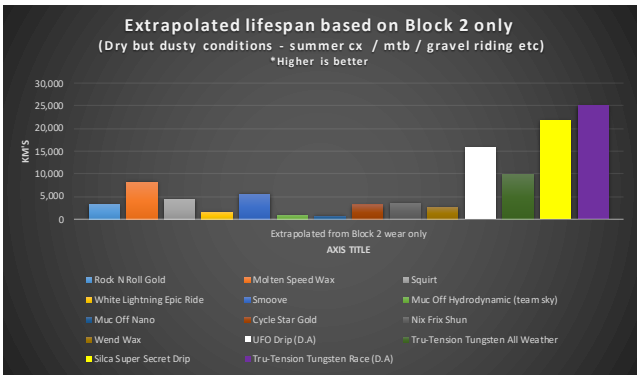


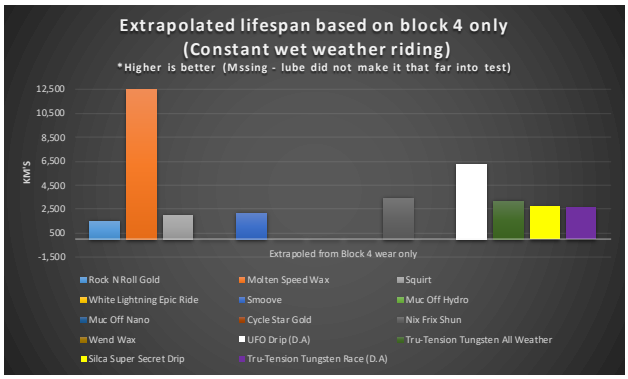


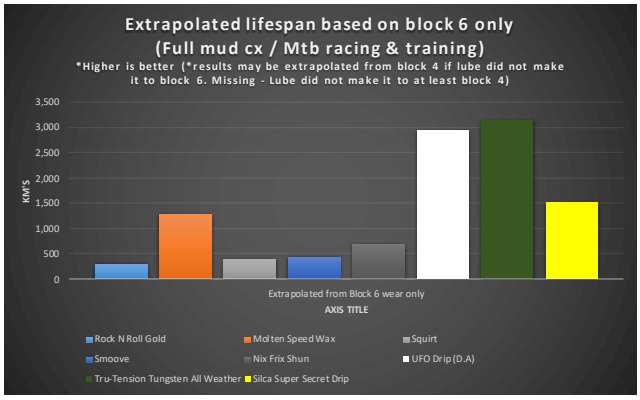


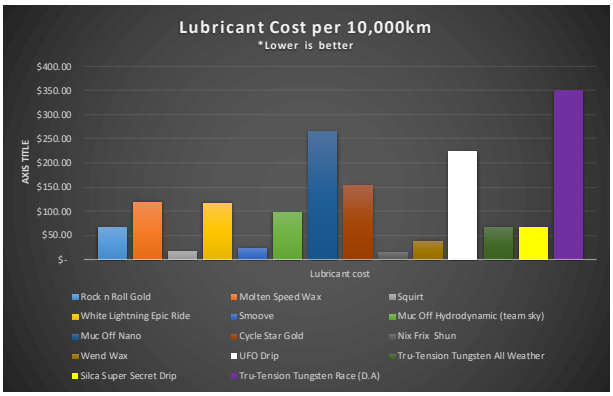


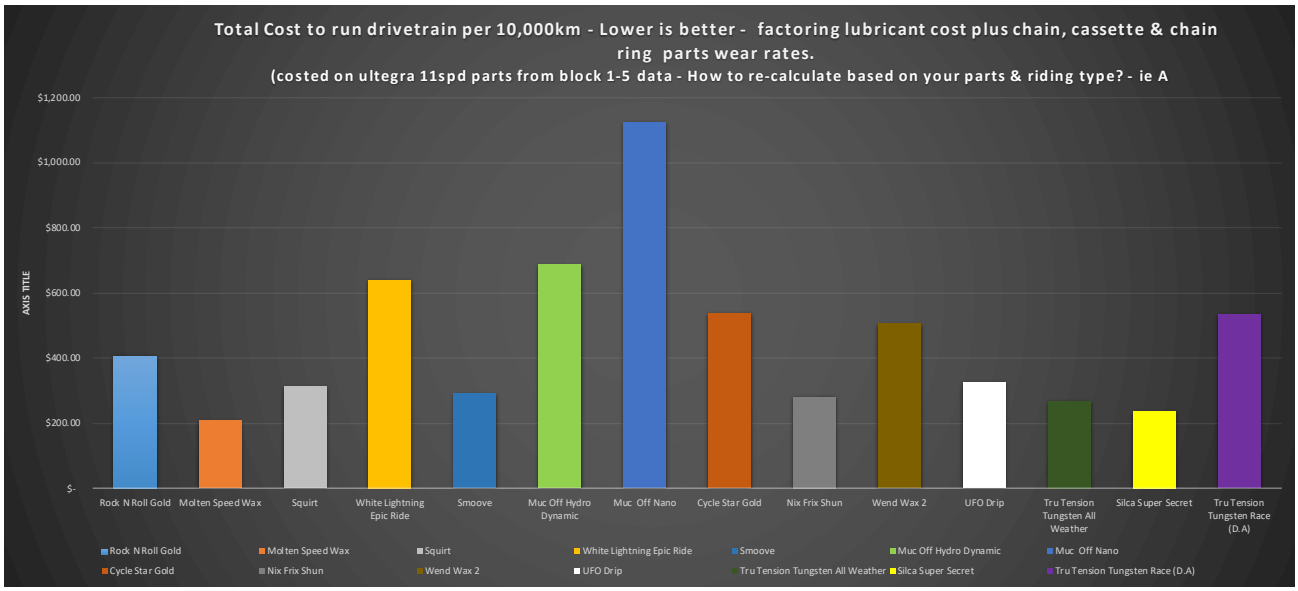



Extrapolated lifespan based on Block 2 only
(Dry but dusty conditions - summer cx / mtb / gravel riding etc)
*Higher is better
KM'S
30,000
25,000
20,000
15,000
10,000
5,000
0
Extrapolated from Block 2 wear only
AXIS TITLE
Rock N Roll Gold
Molten Speed Wax
Squirt
White Lightning Epic Ride
Smoove
Muc Off Hydrodynamic (team sky)
Muc Off Nano
Cycle Star Gold
Nix Frix Shun
Wend Wax
UFO Drip (D.A)
Tru-Tension Tungsten All Weather
Silca Super Secret Drip
Tru-Tension Tungsten Race (D.A)


Extrapolated lifespan based on block 4 only
(Constant wet weather riding)
*Higher is better (Mssing - lube did not make it that far into test)
KM'S
12,500
10,500
8,500
6,500
4,500
2,500
500
-1,500
Extrapoled from Block 4 wear only
Rock N Roll Gold
Molten Speed Wax
Squirt
White Lightning Epic Ride
Smoove
Muc Off Hydro
Muc Off Nano
Cycle Star Gold
Nix Frix Shun
Wend Wax
UFO Drip (D.A)
Tru-Tension Tungsten All Weather
Silca Super Secret Drip
Tru-Tension Tungsten Race (D.A)


Extrapolated lifespan based on block 6 only
(Full mud cx / Mtb racing & training)
*Higher is better (*results may be extrapolated from block 4 if lube did not make it to block 6. Missing - Lube did not make it to at least block 4)
KM'S
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Extrapolated from Block 6 wear only
AXIS TITLE
Rock N Roll Gold
Molten Speed Wax
Squirt
Smoove
Nix Frix Shun
UFO Drip (D.A)
Tru-Tension Tungsten All Weather
Silca Super Secret Drip


Lubricant Cost per 10,000km
*Lower is better
AXIS TITLE
$400.00
$350.00
$300.00
$250.00
$200.00
$150.00
$100.00
$50.00
$-
Lubricant cost
Rock n Roll Gold
Molten Speed Wax
Squirt
White Lightning Epic Ride
Smoove
Muc Off Hydrodynamic (team sky)
Muc Off Nano
Cycle Star Gold
Nix Frix Shun
Wend Wax
UFO Drip
Tru-Tension Tungsten All Weather
Silca Super Secret Drip
Tru-Tension Tungsten Race (D.A)


Total Cost to run drivetrain per 10,000km - Lower is better - factoring lubricant cost plus chain, cassette & chain ring parts wear rates.
(costed on ultegra 11spd parts from block 1-5 data - How to re-calculate based on your parts & riding type? - ie A
AXIS TITLE
$1,200.00
$1,000.00
$800.00
$600.00
$400.00
$200.00
$-
Rock N Roll Gold
Molten Speed Wax
Squirt
White Lightning Epic Ride
Smoove
Muc Off Hydro Dynamic
Muc Off Nano
Cycle Star Gold
Nix Frix Shun
Wend Wax 2
UFO Drip
Tru Tension Tungsten All Weather
Silca Super Secret
Tru Tension Tungsten Race (D.A)