

FAQs

What is X-1R Small Engine Formula?

X-1R Small Engine Formula (SEF) is a liquid synthetic metal conditioner that reduces friction and wear in your motorcycle. X-1R is non-hazardous, non-flammable and environmentally-friendly.

How do I use X-1R Small Engine Formula in my 4T engine?

X-1R SEF is specifically formulated and designed for use in all motorcycles and scooter engines. For optimum performance add one bottle, that's just 50ml of Small Engine Formula to each litre of oil when you service your 4T engine. Just pour into your engine oil and go.

Can I use X-1R Small Engine Formula in my 2T engine?

For 2T motorbikes add 50ml of X-1R SEF to a one litre bottle of oil. Give it a good shake and pour into your fuel system as normal. For optimum performance add one bottle, that's just 50ml of Small Engine Formula to each litre of oil when you service your 2T engine. Just pour into your engine oil and go.

Can I use X-1R Small Engine Formula in my brake system?

No, X-1R Small Engine Formula is not a hydraulic fluid and is not designed to be used in any braking systems.

Can I use X-1R in all of my vehicles?

Yes X-1R has a range of products designed for different types of engines and vehicles. Visit www.x1r.com.my or call +603 4260 3852 for more information

Will using X-1R Small Engine Formula void my warranty?

No. X-1R is not listed on any void list from any manufacturer. Every manufacturer recommends a specific grade of lubricant for use in their vehicles or equipment; this grade classification is known as an A.P.I. rating (American Petroleum Institute). Lubricants have a certain performance limitation. The important thing to remember is the manufacturer is not concerned with the brand of lubricant you use as long as it has the proper A.P.I. rating recommended by the manufacturer. As long as the consumer is using the proper A.P.I. rated fluid, the warranties will not be voided by adding X-1R. X-1R is compatible with all A.P.I. - rated fluids.

Why do I need to use X-1R Small Engine Formula?

It is a fact that all oils, synthetic and mineral based deteriorate over time producing sludge and harvesting other harmful contaminants which reduce the performance of your engine. X-1R additives are scientifically proven to treat the metal not the oil. Proven space technology, formulated to improve performance, increase engine life, fuel mileage while protecting your engine from harmful dirt, carbon deposits and sludge caused by all synthetic and mineral, molybdenum (moly), PTFE (Teflon) based oil blends.

Is X-1R Small Engine Formula compatible with all engine oils?

Yes, X-1R is compatible with all other lubricants and additives both synthetic and mineral based. The X-1R Corporation cannot control or guarantee the condition or service of vehicles prior to using X-1R. The X-1R Corporation can guarantee that X-1R protects and out-performs any other friction reducing additive on the market. With proper maintenance of equipment and the use of the X-1R additives, equipment life will always be extended.

Why doesn't X-1R make the same claims P.T.F.E.-based lubricants?

Most P.T.F.E.-based lubricants claim they last 50,000 miles, this claim is a marketing gimmick. There is no evidence to support this outlandish claim. From an engineering point-of-view, the claim is completely groundless.

Why is X-1R Small Engine Formula superior to P.T.F.E.-based lubricants?

X-1R Small Engine Formula is free of any particulates and is non-clogging. It does not modify the viscosity characteristics of the host oil. It treats the metal surface at the molecular level and reduces surface roughness and increases surface hardness. X-1R can withstand temperatures greater than 500oF/260oC without breaking down.

To what standards does X-1R conform?

X-1R conforms to ASTM test procedures for fuel economy, compatibility and co-efficiency of friction standards.