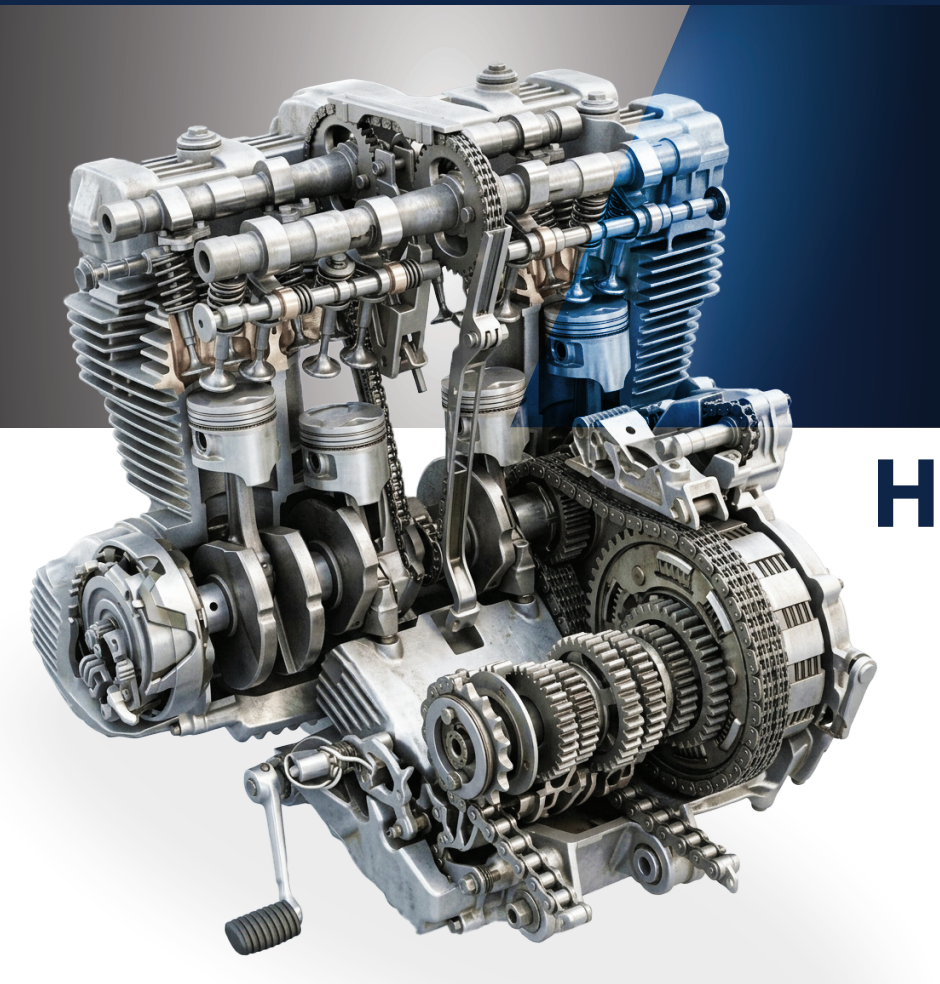




4T ENGINE
FLUSH
MOTORBIKES
CLEANING AND CARE

How it's work?

TOYO-G™ 4T ENGINE FLUSH motorcycle. works by using detergents and thinners that penetrate, dissolve, and suspend sludge and varnish deposits, which are then flushed out when you drain the old oil — all while the engine safely idles at operating temperature.



What Improves After TOYO-G™ 4T Engine Flush?

✓	Piston Ring Grooves	Carbon/sludge is dissolved → rings regain elasticity → less oil burning, better compression, and improved throttle response.
✓	Camshaft & Rocker Arms	Yellow/brown varnish is removed → reduced friction → engine runs quieter, smoother at high RPMs.
✓	Hydraulic Valve Lifters	Microscopic oil passages are unclogged → auto-adjustment function restored → ticking/tapping noise decreases or disappears.
✓	Timing Chain Tensioner Oil Passage	Narrow oil galleries are cleared → tensioner gets proper oil pressure → chain slap noise vanishes, timing stays accurate.
✓	Oil Pickup Screen (in sump)	Gel-like deposits are washed off → oil flow to the pump is restored → oil pressure warning light stays off, lubrication is reliable even at high RPMs.



The TOYO-G™ 4T Engine Flush chemically dissolves the dark "gunk" (sludge, varnish, carbon) from all the metal surfaces shown above. That dissolved debris then drains out with the old oil through the Oil Drain Plug at the bottom.

⚠ Important Notes

- Only effective for light to moderate sludge. If the deposits have turned into hard, baked-on carbon (like coal), an engine flush won't work — you'd need a mechanical disassembly and manual cleaning.
- Improvements are felt gradually. You won't feel the full benefit immediately after the oil change. Ride for about 100–200 km (60–120 miles) with the fresh oil — that's when the engine will feel noticeably smoother, quieter, and more responsive.



CLEANING
AND CARE

50ml:1.2l



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TOYO-G™ 4T ENGINE FLUSH



How to use?

Here is a **step-by-step** guide on how to use an engine flush, based on standard product instructions and manufacturer recommendations.

1

Preparation

- Warm Up the Engine: Start your motorcycle and let it run for about 5-10 minutes until it reaches its normal operating temperature. Warm oil flows better, allowing the flush to mix and work effectively.
- Position Your Bike: Ensure your motorcycle is on a stable, level surface, using a stand if necessary. Put on gloves and safety glasses to protect yourself from hot oil.
- Gather Your Supplies: Have your new engine oil, a new oil filter, a drain pan, the correct wrenches, a funnel, and your engine flush product ready.

2

Adding the Flush

- Open the oil filler cap on your engine.
- Pour the entire contents of the flush bottle into the engine oil. Follow the product's instructions for the correct amount—it is usually based on your engine's oil capacity (e.g., one 50ml bottle for 1.2L of oil).
- Replace the oil filler cap.

3

The Idling Phase

- Start the engine and let it idle only for the time specified on the product label, which is typically 10 to 15 minutes.
 - ⚠ CRITICAL: Do not rev the engine or ride the motorcycle during this time. The flush is designed to work at idle, and higher RPMs can cause excessive wear with the thinned oil.
- For Manual Transmissions: While the engine is idling, pull and hold the clutch lever for a few seconds, and repeat this several times. This helps circulate the cleaning fluid through the clutch and gearbox components.

4

Draining and Refilling

- After the idling period, turn off the engine.
- Remove the oil drain plug and allow all the old oil and flush mixture to drain completely into your pan. You will likely notice the drained fluid is darker and dirtier than what comes out during a standard oil change.
- Replace the oil filter with a new one. This is a critical step, as the old filter will be full of the dissolved contaminants the flush has loosened.
- Reinstall the drain plug with a new crush washer and tighten it to the manufacturer's specified torque.
- Refill the engine with the correct amount and type of fresh **TOYO-G™ motorcycle** engine oil as recommended in your owner's manual.
- Start the engine and let it idle for a minute to circulate the new oil, then check for any leaks around the drain plug and oil filter. Turn it off, wait a few minutes for the oil to settle, and verify the oil level is correct.