



# PRO ENGINE FLUSH

Full-Synthetic, Solvent-Free Engine Cleaning Solution

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## DESCRIPTION

Pro Engine Flush is a professional, full-synthetic, oil-based engine cleaning solution formulated to remove sludge, varnish, and carbon deposits from internal engine components. Cleaning is done by advanced detergent and dispersant chemistry rather than aggressive solvents, so it carries none of the seal-swell or viscosity-thinning risk inherent to solvent flushes — the mechanism of harm is simply not present — restoring oil circulation and internal cleanliness on a carrier that keeps lubricating throughout. This makes Pro Engine Flush well suited to modern engines with sensitive hardware — HEUI injectors, turbochargers, variable valve timing, and tight oil galleries — where a thin, solvent-based flush is a genuine risk. Pro Engine Flush is engine-safe by composition rather than by dilution: it is a full-synthetic lubricant throughout the flush cycle, so the engine is never running on anything but oil.

## PERFORMANCE

### 100% PROTECTION DURING FLUSH

Safe for bearings, injectors, seals, and gaskets

### BASE OIL COMPATIBLE

No thinning — maintains full lubrication

### SAFE FOR ALL ENGINES

Gasoline, diesel, HEUI, and VVT systems

### NON-CORROSIVE

Guards against seal degradation and corrosion

- **100% solvent-free** — contains no solvent, so it cannot swell seals and gaskets or thin the oil it is added to
- **100% safe for sensitive hardware** — HEUI injectors, turbochargers, and VVT systems — there is no solvent present to attack them
- **Disperses and suspends sludge** — holds deposits in suspension so they drain out rather than re-depositing
- **Restores oil flow and pressure** — clears restricted galleries in dirty or neglected engines
- **Helps restore compression and power** — removes deposits from piston rings and valvetrain
- **100% oil-compatible** — mixes with all synthetic and conventional engine oils
- **Broad engine coverage** — safe for turbocharged, high-mileage, gasoline, and diesel engines
- **No harsh chemical odour** — and no solvent-driven risk of seal degradation
- **Extends oil life** — use before an oil change for clean internal surfaces and longer oil life

## APPLICATIONS

- All four-stroke gasoline and diesel passenger cars
- Pickup trucks and SUVs
- Heavy-duty and commercial vehicles, agricultural and construction equipment
- High-mileage engines suffering compression or power loss

**DO NOT use in two-stroke engines.**

## HOW TO USE

1. Warm the engine to operating temperature.
2. Add a full bottle of Pro Engine Flush to the existing engine oil, prior to the oil change.
3. Idle the engine for 15–20 minutes. Do not drive the vehicle.
4. Switch off and drain the oil completely while hot — do not wait for the engine to cool.

### Dosage

- Sumps up to 10 quarts (10 litres) — 1 bottle (16 oz / 473 ml)
- Sumps of 10–20 quarts (20 litres) — 2 bottles
- Semi-trucks and large equipment over 20 quarts — 3 bottles
- Always replace the oil filter at the same oil change

## TYPICAL PROPERTIES

| Property                          | Pro Engine Flush | Test Method |
|-----------------------------------|------------------|-------------|
| Kinematic Viscosity @ 40 °C, cSt  | 32.5             | ASTM D445   |
| Kinematic Viscosity @ 100 °C, cSt | 6.5              | ASTM D445   |
| Viscosity Index                   | 159              | ASTM D2270  |

Small deviations from these results are expected during the manufacturing process and do not affect product performance, and product formulations are subject to change without notice.

**Why solvent-free matters:** the overwhelming majority of engine flushes on the market are solvent-based, and many are entirely solvent. Solvent does not simply thin the oil — it significantly degrades lubrication both during the flush and after it, because residual solvent stays behind in the galleries and carries into the fresh fill. It also corrodes soft metals and attacks plastic and rubber components, which is why solvent products carry a strict 10–15 minute maximum exposure limit. Pro Engine Flush contains no solvent at any concentration, so no such limit applies: the 15–20 minute dwell is simply the time the detergents need to do their work, not a ceiling imposed by the chemistry.