



TRIAX PROTECTION PLUS

High-Mileage Synthetic Blend Engine Oil

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DESCRIPTION

TRIAX Protection Plus is a semi-synthetic (synthetic blend) engine oil formulated for high-mileage gasoline vehicles. Like the rest of the TRIAX engine oil range, it is built on advanced performance boosters and wear-reduction chemistry. Protection Plus helps high-mileage engines manage the common symptoms of accumulated wear — leaks, noise, oil consumption, and deposits — and carries a higher zinc content than most passenger-car engine oils to add wear protection for older, harder-worked engines.

PERFORMANCE HIGHLIGHTS

- **Extreme anti-wear protection** — high zinc, molybdenum, and boron concentration supports long engine life in high-mileage service
- **Protects worn engine surfaces** — guards against bore polishing, scuffing, and bearing wear
- **Hot-section protection** — outstanding coverage for pistons, piston rings, and other high-temperature components
- **Excellent deposit control** — strong oxidation resistance with wear and rust control in gasoline and diesel engines
- **Superior viscosity stability** — resists oxidative thickening and holds grade through the drain interval
- **Strong acid and corrosion control** — neutralises combustion acids to protect internal surfaces
- **Seal conditioning** — protects seals, O-rings, and other elastomers, helping reduce leaks and quiet noisy lifters
- **Balanced base oil and additive system** — formulated for consistent all-round performance in older engines

APPLICATIONS

TRIAX Protection Plus is recommended for vehicles with over 75,000 miles, including gasoline and diesel engines in passenger cars, SUVs, light vans, and light trucks. It is suitable for severe-service driving, including sustained high-speed highway operation and stop-and-go city use.

NOT recommended for heavy-duty applications.

SPECIFICATIONS

For use in applications requiring the following specifications:

Grade	Specifications
5W-30	API SN PLUS; ILSAC GF-5; ACEA A3/B3; API CF/CD (diesel); GM 6094M; Honda/Acura HTO-06; Chrysler MS-6395, MS-6395V; Ford WSS-M2C946-A
10W-40	API SN PLUS; ACEA A3/B3; API CF/CD (diesel); VW 505.00; FIAT 9.55535-G2/D2

CHEMICAL PROPERTIES

Property	5W-30	10W-40
SAE Viscosity Grade	SAE 5W-30	SAE 10W-40
Specific Gravity @ 60 °F (ASTM D4052)	0.87	0.87
Kinematic Viscosity @ 100 °C, cSt (ASTM D445)	11.1	15.14
Kinematic Viscosity @ 40 °C, cSt (ASTM D445)	63	97.25
Viscosity Index (ASTM D2270)	170	164
Flash Point, °C (ASTM D92)	224	232
Pour Point, °C (ASTM D97)	-41	-31
Total Base Number (ASTM D2896)	10	10
Cold Crank (CCS), cP (ASTM D5293)	4,740 @ -30 °C	6,600 @ -20 °C

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.