



#4019

PRODUCT INFO

BARDAHL

ENGINE TUNE-UP

Product #4019

Removes gum, varnish and sludge to improve efficiency and extend the life of the engine.

THE PROBLEM

Engine deposits such as gum, varnish and sludge are byproducts of normal operation and motor oils are designed to suspend and remove these deposits. Many vehicles often operate under 'severe' conditions, such as 'stop and go driving' that can increase these deposits and breakdown the ability of the oil to counteract this situation. In addition, increased under hood temperatures, reduced crankcase capacity, infrequent oil changes will worsen the problem. As these deposit levels build-up in the engine, the result is significantly reduced performance and diminished fuel economy.

THE SOLUTION

BARDAHL Engine Tune-up is a concentrated blend of solvents, dispersants, detergents and anti-wear additives that will clean and condition the engine, by removing gum and varnish deposits and preventing further deposit formation. Engine Tune-up will chemically 'tune-up' an engine by freeing-up stuck rings, removing deposits from valves, and eliminating sludge from oil gullies and passages, so the engine can operate with greater efficiency.

THE BENEFITS

- Proprietary chemical formula dissolves harmful gum and varnish and removes sludge
- Increases engine performance by cleaning rings, pistons, valves, and other close tolerance parts
- Chemically "tunes-up" the engine by loosening sticky valves, lifters and rings
- Improves engine efficiency and performance, extending the life of the vehicle
- Dispersants and detergents keep removed deposits in suspension until the motor oil is drained

DIRECTIONS

Pour contents into the crankcase. Do not overfill. Allow Engine Tune-Up & Flush to work while driving (100 to 200 miles) or run engine at fast idle for 20 to 30 minutes, then change oil and filter adding one of Bardahl's oil enhancing and protecting products to the motor oil. Dispose of any used or unused solution in accordance with local, state, and federal regulations.



Product Specifications

Product #	4019
Unit UPC#	0 76906 04019 9
Case UPC#	30076906040190
Pack Size	12x12oz (355 ml)
Dimensions	L x 11" W x 8" H 8.25"
Weight & Cubic ft ³	10 lbs / 0.42 ft ³
Color	Light Amber
Specific Gravity	0.860
Viscosity	N/A
Flash Point	>141°F / >60.5°C

