



## Product information

# Oil Booster + Turbo Protect

Quote: "really, gentlemen, we could not believe, that Bardahl would determine such a difference!".

This was the first that the renowned research technical of the world famous YORK Research laboratory in Stanford, Connecticut said, when they had tested America's most known oil additive. These technicians submitted Bardahl for 180 days to the most precise laboratory tests. **The result: reduction of the engine wear of 10% up to 40%.** But they were not the only one, which observed this. In June 1978 EG & G Automotive Research submitted, Inc. Bardahl to a serial so-called Sequence IIID tests to measure when the anti-wear and oil oxidation advantages of this product, added to a quality engine oil. **Result: wear reduction of 61,5% and 12% less oil oxidation.** The French petroleum institute came with results of **wear reduction of 47% and start wear reduction of 77%.** All results which do not lie. With the innumerable smaller tests and, they show to the findings of millions motorists concerning the whole world indisputably that Bardahl reduce the friction in the engine and as a result naturally also late see a considerable lower fuel consumption. In now more than 60 years, Bardahl have proved its qualities.

**Bardahl Oil Booster + Turbo Protect** is a motor oil additive that reduces wear, cleans and prevents deposits. It contains Bardahl's "polar attraction" formula to maintain engine performance and extend new-engine life.

### The problem

Wear isn't noticed in newer engines until problems start: noise, oil burning, lost power and efficiency. Deposits are also less noticeable; the generally good condition of the engine hides the performance loss they cause, but from the first, wear and deposits hinder operation, shorten engine life and raise costs.

**Friction and wear** are most severe just after startup, before the oil has circulated through the engine. This startup wear can account for 80-90% of total engine wear.

**Varnish** formation is heaviest right after shutdown, when hot fuel vapors settle on parts on the engine. Carbon and sludge, as well as varnish and gum, form as the engine runs.

### The action

**Bardahl Oil Booster + Turbo Protect** contains the "polar attraction formula" which is a unique concentrate of polar organic compounds and extreme pressure agents. These chemicals bond to metal, forming a molecular film that won't burn up or scrape away, even under the high pressures and temperatures in today's engines. This film stays in place when the engine stops it won't drain off.



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Bardahl's full-time protection does several things:

1. Reduces wear - It smoothes the microscopic peaks and valleys that cause friction, and less friction means less heat.
2. Cleans deposits - it undermines and clears away varnish and carbon and helps prevent further formation. It also protects against corrosion that can occur during shutdown.
3. Leaves an extreme pressure, antiwear, antifriction lubricating film on the turbo's.

**Bardahl Oil Booster + Turbo Protect** improves the lubrication of bearings, cams and pistons and of course the turbo and makes them last longer. It helps free sticky valves, rings and lifters. Engines start easier. Engine efficiency and performance increase and operating costs go down. **Bardahl Oil Booster + Turbo Protect** lengthens engine life and saves maintenance.

### **THE TEST B1 (changed into Bardahl Oil Booster + Turbo Protect)**

The York Research Corporation in Stamford, Connecticut, first tested Bardahl B1 in 1964. An exhaustive 6-month test proved that adding Bardahl B1 to regular crankcase oil reduces engine wear 10-40%. York stated that Bardahl's exclusive formula provided unexcelled lubrication for the reduction of friction and wear while simultaneously reducing and/or preventing varnish and carbon build-up. They still test Bardahl B1 regularly to verify its continuing high performance.

In another test, the government-certified French Petroleum Institute reported that Bardahl B1 reduced startup wear 66-77% and total wear 47%. It also found the Bardahl film lasted 18 hours after Bardahl-treated oil was replaced with detergent oil.

NOTE: Test reports are available from Bardahl Manufacturing Corporation.

### **Direction for use**

Add **Bardahl Oil Booster + Turbo Protect** to the motoroil half way between oil changes or at each oil change.

Miscible with the latest grades of oil, mineral and synthetic.

**Article number** 11103  
**Contents** 300 ml

**Article number** 11104  
**Contents** 400 ml

**Article number** 11155  
**Contents** 5 litre



# **Product information**

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**Article number** 11182  
**Contents** 25 litre