



EA-2015-1

# Engine Armour Tech™ Test Bulletin

DEKRA Testing Lab - Germany

Test Vehicle: 1998 Skoda

## Background

Engine Armour Tech™ is an innovative new technology ceramic formula that significantly improves the lubrication and performance of rotating metal assemblies. This proprietary metal treatment reduces friction and wear of hot moving metal components and is proven to reduce operation and maintenance costs of engines, transmissions, gearboxes and more.

## Test Overview

The purpose of the test was to evaluate the impact of Engine Armour Tech™ on engine compression and horsepower through the following generalized steps:

- **Establish baseline:** Perform a new oil change on the test vehicle and operate for 50 km (oil break-in period). Collect baseline test measurements for determining treatment effectiveness.
- **Add Engine Armour Tech™:** Product is added directly into the oil reservoir and the test started.
- **Measurement:** Test readings for cylinder compression, as well as engine horsepower and maximum RPMs taken 500 and 1000 km after treatment with Engine Armour Tech™.

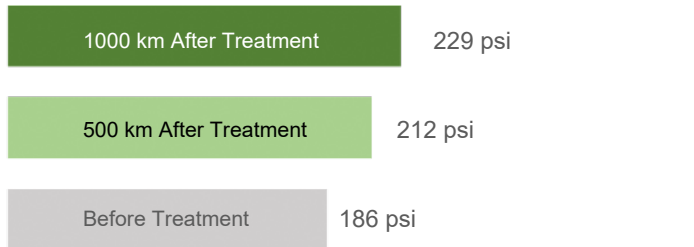


**Test Reference:** EA-2015-1T: DEKRA Dyno & Compression Study - 2015

## Test Results

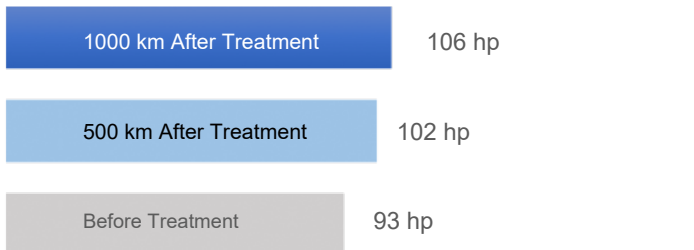
### Cylinder Compression

**23% Increase**



### Horsepower

**14% Increase**



## Discussion

### 23% increase in engine compression

- Increase in compression = improved combustion
- Improved cylinder/piston seal = reduced blow-by
- Less blow-by = less soot & carbon deposits
- Less soot & carbon = reduced abrasion & wear on components

### 14% increase in Horsepower = Improved Performance

- More complete combustion = more energy output for engine
- Increased engine torque = increased engine horsepower
- More complete combustion = less waste
- Less waste = less unburned fuel, soot, sludge and lower emissions

The information on this test bulletin is based on data that is considered accurate. Engine Armour Technology does not assume responsibility for any misrepresentation or assumptions the reader may formulate.

For further information, please contact Engine Armour Tech



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