

SAE J2723 AUG2007



# SAE Power Certification Form J2723 B

|                                      |                                                    |
|--------------------------------------|----------------------------------------------------|
| Manufacturer Name                    | Kawasaki Heavy Industries, Ltd.                    |
| Address:                             | 1-1, Kawasaki-cho                                  |
| City:                                | Akashi                                             |
| State:                               | Hyogo                                              |
| Country:                             | Japan                                              |
| Postal Code                          | 673-8666                                           |
| Engine:                              | FD750D(CKAXS.74521B)                               |
| Type of Certification:               | Single Engine Certification                        |
| Model Year & Vehicle Application(s). | 2012; Lawn mowers                                  |
| Test Standard:                       | J1995:Jun1995                                      |
| Test Location:                       | Kawasaki, Akashi Plant, Bldg #10-5, Test bench #34 |
| Engine Serial Number:                | 090650                                             |
| Test/Run Number:                     | 76                                                 |
| Test Date:                           | Jun 01, 2011                                       |

## RESULTS:

The engine described herein was tested on Jun 01, 2011 according to the requirements prescribed in J1995:Jun1995, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

| Parameter      | Rated Speed | Rated Output | Measured Speed | Measured Output | % Difference |
|----------------|-------------|--------------|----------------|-----------------|--------------|
| Power (hp)     | 3600        | 25.5         | 3599           | 26.50           | +3.9         |
| Torque (lb-ft) | ---         | ---          | ---            | ---             | ---          |

SAE Certified Witness Masakatsu Kawakita  
Date Jun 01, 2011

## APPROVALS:

Kawasaki Heavy Industries, Ltd. declares that the engine tested for this report is representative of engines in series production. Kawasaki Heavy Industries, Ltd. further declares that the performance of engines in series production will characteristically fall within 2% of the rated torque and power values indicated on this report.

Name: Katsuhito Kajitani  
Title: Manager C&R Section  
Date: 07/25/11

\*\*Torque has been omitted from this application as it is not typically one of the key criteria for consumers when selecting products to which small general purpose engines are installed. Additionally test data suggests maximum torque rpm varies from engine to engine as a result of small engine technology tolerances. As a result Kawasaki is not requesting SAE certification for torque ratings."

## WOT ENGINE POWER PLOT (as tested)



## Kawasaki General purpose engine

Engine model/version : FD750D/HS12  
Engine serial number : 090650  
Test/run number : 76

