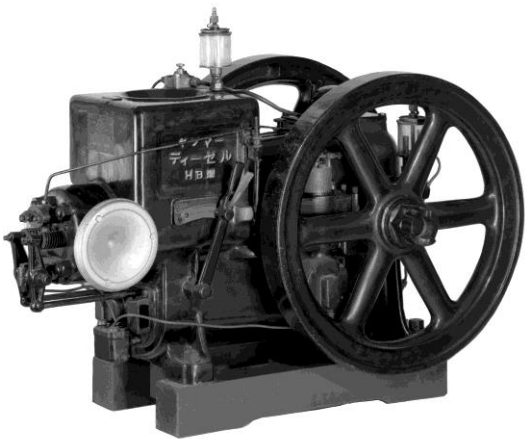


Registration No.	Number 00096		
Registration Date	September 11, 2012	Registration Category	Category 1

Name (Model, etc.)	Small Horizontal Diesel Engine, Model HB		
Location	Nagahama City, Shiga Pref		
	YANMAR MUSEUM		
Owner (Custodian)	YANMAR MUSEUM		
Manufacturer (Company)	Yanmar Co., Ltd.		
Year Manufactured	1933		
Reason For Selection	Petroleum engines were commonly used in fishing and farming in the 1930s, but they frequently caused problems on fishing boats due to problems such as broken crankshafts and dangerous fuel leakage. In 1932, the founder of Yanmar, Magokichi Yamaoka, viewed a demonstration of a diesel engine at Leipziger Messe in Germany. He found it to be much safer and more economic than a petroleum engine, so resolved to design a compact version suitable for the fishing and farming industries. The first prototype, HB model, completed in late 1933, featured a transverse design and produced five horsepower. It was dubbed Yokosui (for “transverse water-cooled engine”), which soon became the byword for all compact diesel engines thereafter. Yanmar continued to develop new models, following up in 1952 with the K1, the world’s smallest transverse water-cooled four-stroke diesel engine that generated 1.5 – 2 horsepower. By 1981, total production of compact diesel engines came to over five million units, and production continues even today. This production model from the early period is an important reminder of Japan’s role in the global popularization of the compact diesel engine.		
Registration Standard	1 - B		

Open/Closed to Public	Open to Public		
Photo			
Other useful information			