



# Verner Motor

## **ALERT SERVICE BULLETIN**

### **COOLING SYSTEM, OIL, OIL FILTER AND PROPELLER SPECIFICATIONS, CARBURETOR ADJUSTING FOR VERNER MOTOR ENGINE TYPE VM 133MK/133S (SERIES)**

## **!MANDATORY!**

### **1. Basic information**

#### **1.1 Engines affected**

All version of the engine type:

- VM 133MK
- VM 133S

#### **1.2 Reason**

Recurrent problems with engines using specific propeller and cooling system.

#### **1.3 Subject/Instructions**

##### **1.3.1 Engine cooling system**

The oil cooler (radiator) is integral part of cooling system for Verner Motor engine series VM 133MK and VM 133S. Using engines series VM 133MK and VM 133S without oil cooler (radiator) is breach of warranty rules.

##### **1.3.2 Oil specification**

Oil satisfactory with JASO MA standard is acceptable for using in Verner Motor engine series VM 133MK and VM 133S only. Using oils without JASO MA standard is forbidden and it is breach of warranty rules.

##### **1.3.3 Oil filter**

Oil filter without bypass valve is acceptable for using in Verner Motor engines series VM 133MK and VM 133S only. Using oil filters with bypass valve is forbidden and it is breach of warranty rules.



## Verner Motor

### 1.3.4 Propeller specification

Propellers from DUC HELICE company fail to satisfy all conditions given by the producer of engine. Using propellers from DUC HELICE company is forbidden and it is breach of warranty rules.

The recommended propellers are: Pezke Prop - 3 blades 68"

Warp Drive - 2/3 blades 68"

Kiev Prop - 3 blades 71"

### 1.3.5 Carburetor adjusting

Check and adjust the carburetors on engine VM 133MK and VM 133S series each 25 hours. The position of carburetor slide valves must be identical.

**WARNING** – Non-compliance with above instructions could result in engine damage, personal injury or death!

In Šumperk 27. June 2007