



# Homsi Motors

## SIMPLE GUIDE

- how to care for your engine -

Thank you for purchasing a Perkins engine. This engine is manufactured to the latest technological advances. Much care is put into quality and durability to offer you one of the best products on the market. With this unit, we aim to give you satisfaction and peace of mind through our product & our dedicated service team.

In order to help us keep your unit in tiptop condition here are a few steps for you to follow and take note of.

Remember, caring for your engine is the best way to keep it problem free and ensures long lasting life.

If you want your engine to work well for long

## Take care of your Engine

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### 1. Keep your engine clean

\_ Keep your engine in a clean environment & make sure no debris surround it. Dirt and debris can penetrate the engine and stop or damage it.

- Dirt and other debris can interfere with engine efficiency as well as damage it (especially with debris)

### 2. Keep your engine aerated

\_ Allow free air to penetrate. Use engine in well ventilated area.

- Bad air circulation will cause the engine to overheat.

### 3. Service checks

Consider it like cleaning your teeth, if you don't problems will interfere with your work, cost more to fix, and eventually die out...

\_ Service check your engine regularly      \_ Change filters regularly

This will keep your engine fit and give it a longer life

### 4. Renew antifreeze/ coolant frequently

### 5. Always use Clean Fuel

\_ Use clean Diesel and place an additional filter on the fuel tank if necessary.

- Dirt in the fuel will cause the filters to saturate quickly and eventually stop the engine

### 6. Always read user manual

## DO NOT ... Beware

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### 1. Do not run in your engine (Rodage)

- This has already been done in factory.
  - Rodage will lead to ring damages & oil leaks.

### 2. Do not frequently use engine at less than 30% of load capacity

- This will lead to oil leakage & exhaust; will need a change of rings & filters

### 3. Never turn off engine with all its load still on.

- Switch all loads off before turning off the engine; switching load off from the control panel should turn off all machinery and shut down your engine safely.
  - Will lead to severe engine damage (including crank breakage!!)

### 4. Do not use Ether

- Perkins engines are built to start in all weather conditions. On old models we Can fix heater/ problem.
  - Ether will burn piston head as well as damage rings & liners

### 5. Do not Complete Antifreeze with water

- Always fill with regular Antifreeze/water mix, even when level decreases
  - Too much water may add corrosiveness to the liquid.

### 6. Do not cover the engine or the exhaust while it's working!

### 7. Do not handle when hot

**NOTE:** To help us help u better, please note the engine serial number on the Perkins engine body. This will help us better find the solution and parts required.