

AdBlue® Quick Start Guide

This machine requires DEF commonly known as AdBlue® to operate.

AdBlue® is a colourless non hazardous liquid which is sprayed into the exhaust system to reduce harmful engine emissions. AdBlue® can be purchased from SCOT JCB.



Locate & identify the diesel & AdBlue® fillers. AdBlue filler has a BLUE cap.



On most machines the AdBlue® cap is unlocked with the BLUE key which should be held by the 'responsible person'.



Ensure that you have an emergency pack of AdBlue® (available from Scot JCB) with the machine so you can act upon any low AdBlue® warning to avoid engine de-rate.

If the engine de-rates due to low AdBlue® it will reset if filled over 25%.



Fill the AdBlue® tank using only high quality AdBlue® conforming to ISO 22241.1 available from Scot-JCB.



Only dispense AdBlue® using a dedicated container and dispensing equipment.

DO NOT use oil or fuel dispensing equipment as this will result in costly contamination.

CLEANLINESS IS CRITICAL.



This machine uses JCB Ultra performance (API CJ4) grade engine oil.

Note the engine oil filler cap on your machine is now yellow to signify this change.

Warning Codes

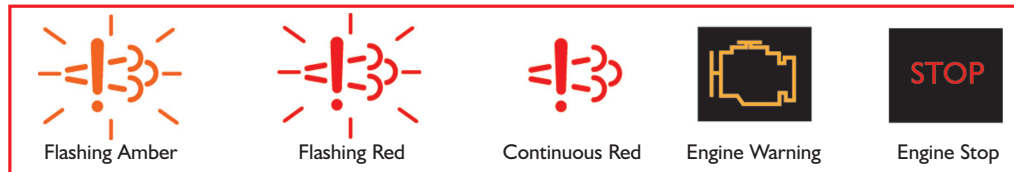
If an AdBlue® contamination warning appears on the dashboard, stop immediately, turn off the engine, and contact Scot-JCB.

Continued use with contaminated AdBlue® may cause expensive damage to the Selective Catalyst Reduction system.



- Ensure that there is sufficient AdBlue® in the machine at all times. It is recommended that every time the diesel tank is filled the AdBlue® tank is topped up.
- Act immediately on machine warnings that the AdBlue® is running low. If you delay, it could lead to the engine power reducing and the engine ultimately being limited to idle.

Progressive dash warnings for system faults & Low AdBlue ®



General Information

- Do not remove the battery isolator or leads for at least 30 seconds after the engine is switched off. The AdBlue® system purges the line from the supply module to the dosing injector to prevent crystallisation, this needs 30 seconds to complete.
- System Filter located in supply module
- Refer to your machines operators manual for further information
- Keep all AdBlue® tanks, tank necks, drums, and dispensing equipment clean to prevent contamination
- Don't allow contamination of your AdBlue® by dirt or fluids as it will damage the SCR system.
- Don't put AdBlue® in your diesel tank or vice versa - if you do, do not start the engine, call Scot-JCB immediately.
- Do not dilute the AdBlue® with water or any other fluids. This may stop the machine, or cause costly damage to the after-treatment system.
- If the machine is to be stored for an extended period, ensure the AdBlue® tank is completely filled to prevent water evaporation and crystallisation.



Storing AdBlue®

- Always use polyethylene, polypropylene, stainless steel or plastic containers for storing AdBlue®. AdBlue® can be corrosive to most metals. This applies to any funnels, jugs, pipes, pumps and other handling equipment.
- Ensure all caps on AdBlue® storage containers are screwed tight to prevent evaporation and crystallisation.
- AdBlue® will freeze at -11C
- AdBlue® can be stored for up to 18months in a sealed container if kept between -6C & 25C and in a shaded area out of sunlight and UV radiation

Warranty

- JCB & Scot JCB will not cover damage or failure of SCR system or fuel system due to the use of contaminated AdBlue® or fuel.

