

GREIG WESTERN
1804348
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MATERIALS AND SUSTAINABILITY
ACHA6012

SECTION A

1. 2 ALTERNATIVE FUELS

HYDROGEN

BIOETHANOL

9) ALSET GLOBAL HAS DEVELOPED A HYBRID HYDROGEN SYSTEM WHICH CAN ~~BE~~ USED TO BLEND PETROL AND HYDROGEN TOGETHER IN ANY PERCENTAGE FROM 0-100%. WITH IT'S WIDE IGNITION RANGE HYDROGEN CAN BE BURNED IN A VERY LEAN MIXTURE ALLOWING UP TO 30% INCREASED EFFICIENCY OVER PETROL. HYDROGEN'S ONLY EMISSION IS WATER.

BIOETHANOL, PRODUCED FROM SUGAR BEET, CAN BE ADDED TO PETROL UP TO 5%. ACCORDING TO BRITISH SUGAR, ~~THE~~ GREEN HOUSE GASSES CAN BE REDUCED BY OVER 70% COMPARED TO PETROL ALONE.