

Manufacturer of 3,4,6 cyl. Diesel Engines For  
Industrial , Agricultural , Construction  
& Automotive Applications



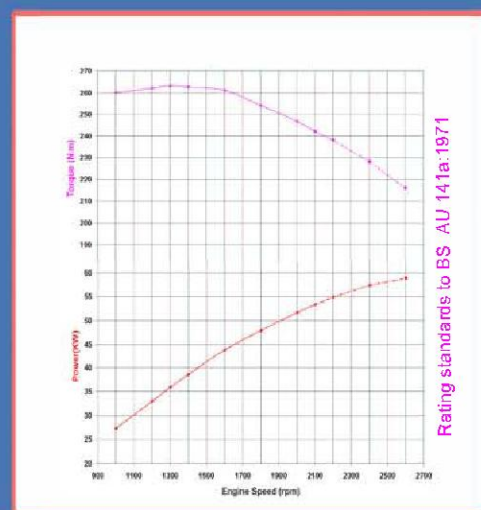
# MOTORSAZAN

## 4.236 Agricultural Engine For Al-Frat 470 Ebro Tractor

54 KW / 74 bhp

### General Data

<b>Bore:</b>	98.4 mm (3.875 in)
<b>Stroke:</b>	127 mm (5.00 in)
<b>No. of cylinders:</b>	4 - in Line
<b>Cubic capacity:</b>	3.87 Litres (236 in <sup>3</sup> )
<b>Combustion system:</b>	Direct Injection
<b>Induction system:</b>	Natural Aspirated
<b>Compression ratio:</b>	16 : 1
<b>Rotat on:</b>	Clockwise, viewed rom front
<b>Coo ing:</b>	Liquid
<b>Weight:</b>	380 Kg (839 lb)
<b>Leng h:</b>	735 mm (28.93 in)
<b>Width:</b>	50 mm (21.65 in)
<b>Heigh :</b>	800 mm (31.50 in)
<b>Electrical:</b>	12 V System



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Motorsazan company is certified by TUV NORD for conformity  
with ISO /TS/16949, ISO 9001, ISO18001, ISO 14001 standards