



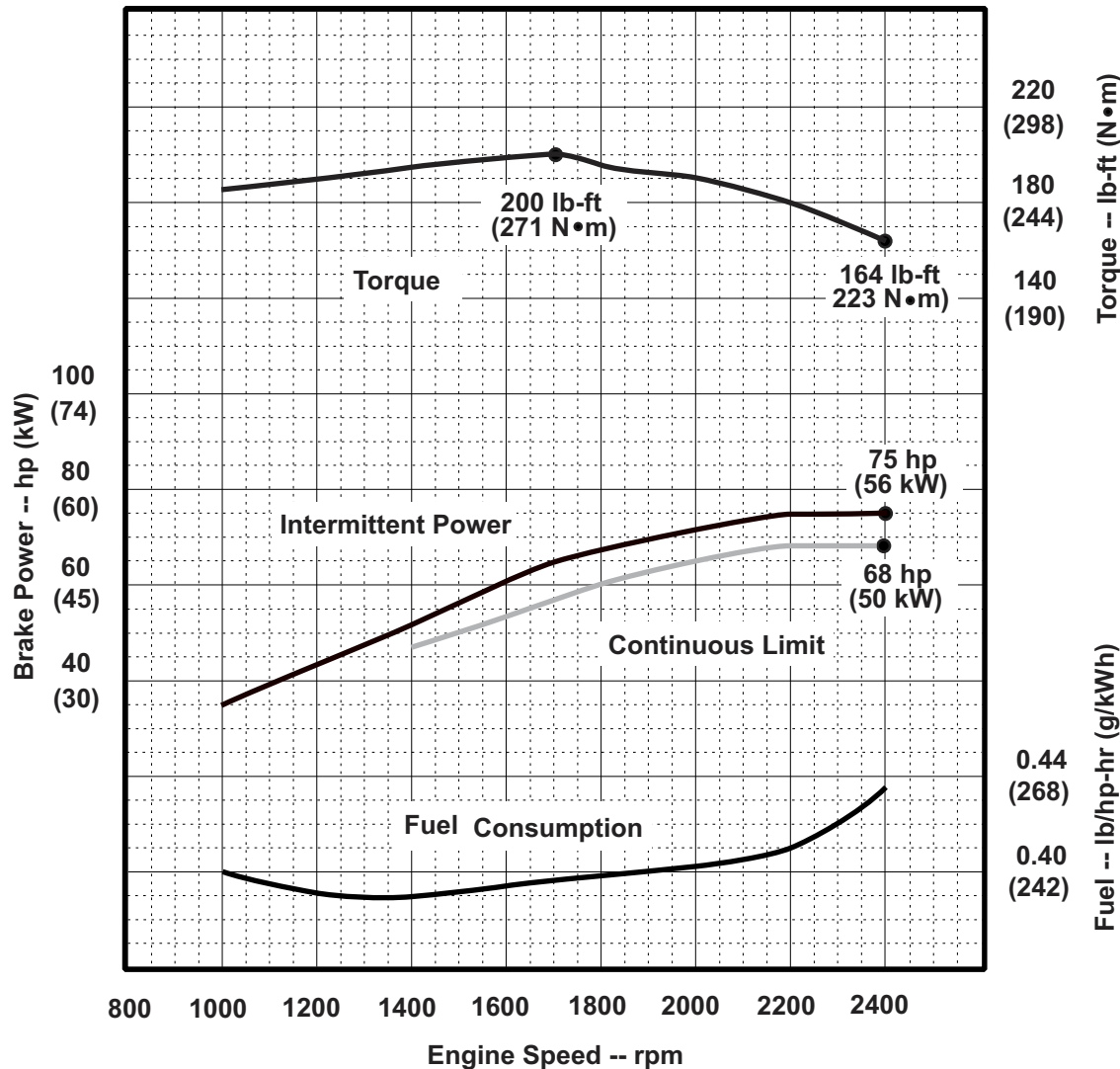
JOHN DEERE

ENGINE PERFORMANCE

Rating: Gross Power
 Application: Industrial
 Intermittent / Continuous

PowerTech M™ 4.5 L Engine
 Model: **4045TF280**

75 hp @ 2400 rpm
56 kW @ 2400 rpm



Air Intake Restriction 12 in.H₂O (3 kPa)
 Exhaust Back Pressure 30 in.H₂O (7.5 kPa)

Gross power guaranteed within + or - 5% at SAE J1995 and ISO 3046 conditions:

- 77 °F (25 °C) air inlet temperature
- 29.31 in.Hg (99 kPa) barometer
- 104 °F (40 °C) fuel inlet temperature
- 0.853 fuel specific gravity @ 60 °F (15.5 °C)

Conversion factors:

- Power: kW = hp x 0.746
- Fuel: 1 gal = 7.1 lb, 1 L = 0.85 kg
- Torque: N·m = lb-ft x 1.356

All values are from currently available data and are subject to change without notice.

Notes:

Tier-3 Emission Certifications:

Certified by:

CARB; EPA; EU
 Ref: Engine Emission Label

Vincent...
 08-24-07

* Revised Data

Curve: 4045TF28075 Sheet 1 of 2
 August 2007

