

VANGUARD 400 (25V3) ENGINE

PART NUMBER: 85.540.140

- **Vanguard 400 engines** are designed with numerous practical innovations that provide exceptional power, ease of use, and less maintenance.
- **Cyclonic Air Filter** has increased efficiency, which keeps the engine running cleaner and longer. The filter is also self-cleaning, requiring less maintenance.
- **Replacement engine** for equipment that accepts a keyed, 1" horizontal shaft.
- **Air cooled, 4-stroke, Over Head Valve (OHV)** design enables higher compression ratio to obtain greater power output.
- **Designed for field maintenance** with easily accessible components like the air filter, spark plug, carburetor and multiple oil ports.
- **Automatic low-oil sensor** will shut down the engine if the oil level drops to dangerous levels.
- **Fuel recommended** to use is regular unleaded that is 86 octane or more. It is best to use fuel with no ethanol, but ethanol blends of up to 10% are acceptable.
- **Common applications include:** Pressure washers, generators, water pumps, air compressors, lawn and garden equipment, tillers, and construction equipment.



Scan the QR code with your mobile device and discover more about this engine.

ENGINE SPECS

MODEL: **VANGUARD 400 (25V3)**
 CYLINDERS: **SINGLE**
 COOLING: **AIR COOLED**
 TYPE: **4-STROKE OHV**
 DISPLACEMENT: **408 CC**
 NET POWER: **14 HP @ 3,600 RPM**
 COMPRESSION RATIO: **8.3:1**
 START SYSTEM: **RECOIL**
 SHAFT TYPE: **KEYED 1" HORIZONTAL**
 SHAFT ROTATION: **COUNTER CLOCKWISE**

FUEL AND OIL SPECS

FUEL TYPE: **UNLEADED GASOLINE**
 MIN OCTANE: **86**
 MAX ETHANOL: **10%**
 FUEL TANK CAPACITY: **5.1 L / 1.5 US GAL**
 OIL TYPE: **SAE 10W30**
 OIL CAPACITY: **0.95L / 1.0 US QTS**
 LUBRICATION: **FORCED SPLASH**

WARRANTY

BASIC: **3 YEARS**
 REGISTERED: **5 YEARS**

PALLET QUANTITY

PALLET TYPE: **#3**
 QUANTITY: **24**

UNIT SIZE



UNIT WEIGHT: **78 LBS**

01-2023