

POWEREASE R420 ENGINE

PART #: 85.570.150

- **Powerease engines** have been used by BE Power Equipment for well over ten years and have proved themselves to be powerful and reliable. Their reputation has earned the trust to be used on a wide range of power equipment.
- **Replacement engine** for equipment that requires 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, and carburetor.
- **Automatic low-oil shutdown** will stop 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, 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:	POWEREASE R420
CYLINDERS:	SINGLE
COOLING:	AIR COOLED
TYPE:	4-STROKE OHV
DISPLACEMENT:	420CC
NET POWER:	13 HP @ 3,600 RPM
NET TORQUE:	29 N·M @ 2,500 RPM
COMPRESSION RATIO:	8.5:1
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:	6.0 L / 1.6 US GAL
OIL TYPE:	SAE 10W30
OIL CAPACITY:	1.1 L / 1.16 US QTS
LUBRICATION:	FORCED SPLASH

WARRANTY

BASIC:	2 YEARS
REGISTERED:	5 YEARS
UPC:	777897146370

BOXED SIZE

LxWxH:	20" x 17" x 20"
WEIGHT:	77 LBS

UNIT SIZE



UNIT WEIGHT: **72 LBS**