

OIL AND GAS

# CX31-P600

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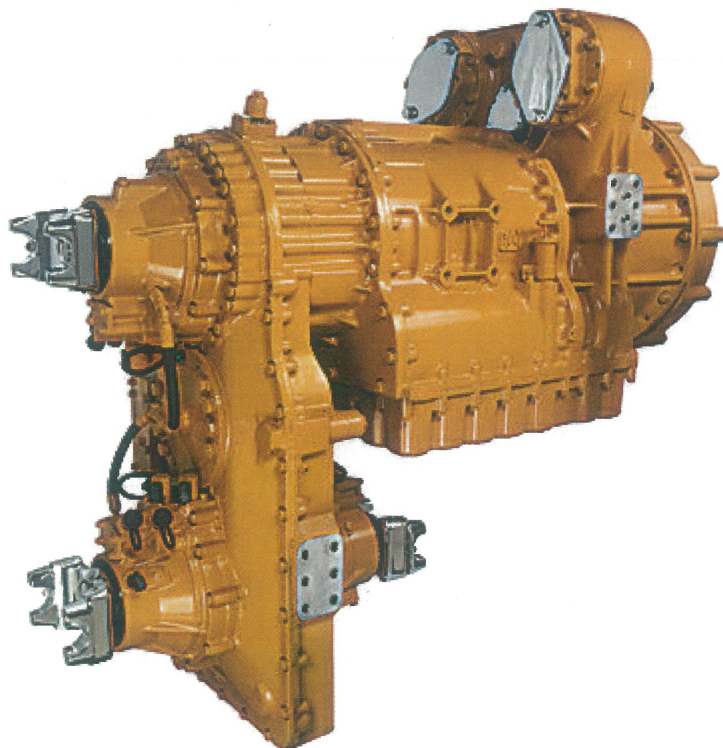
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CX31-P600

## **SPECIFICATIONS**

### **OVERVIEW**

Your operation depends on the power driving it. And your transmission is as crucial to your power solution as the engine. Cat transmissions are proven in the oil and gas industry and widely known for their exceptional power, leading durability, ease of operation, and shifting options. Ideal applications for Cat CX31-P600 transmissions include workover rigs, kill mud pumps, coil tubing pump support, nitrogen units, acidizing units, and cementing units. CX31-P600 transmissions are optimized for use with C9 ACERT, C11 ACERT, C13 ACERT, C15 ACERT, and C18 ACERT engines (A and B ratings). Cat CX31-P600 oilfield transmission. Gross input power: 447 kW (600bhp). Configurations available include integral pump drives, integral drop box, and side power take-off.

### **TRANSMISSION SPECIFICATIONS**

UNITS:

• US

• METRIC

Gross Input Power	600.0 BHP
Gross Peak Input Torque	2025.0 ft-lb
Rated Input Speed	2100.0 r/min
Maximum Turbine Torque	2600.0 ft-lb
Minimum Input Speed	2500.0 r/min
Retarder Rating	535.0 HP
Retarder Rating Speed	2400.0 r/min
Electrical System	24.0 V

Gear Type	Planetary Spur
Gears	6F/1R
1F Gear Ratio	4.40
2F Gear Ratio	2.33
3F Gear Ratio	1.53
4F Gear Ratio	1.00
5F Gear Ratio	0.72
6F Gear Ratio	0.61
1R Gear Ratio	-3.97
Overall Gear Ration	7/21