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CATERPILAR



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A close-up photograph of a yellow industrial engine, likely from a Caterpillar machine. The engine is painted a bright yellow and shows signs of use, with some rust and dirt. A large, circular fan grille with a grid pattern is the central focus. To the right, there are two yellow electrical connectors with black cables. A black hose runs across the top of the fan. The background is slightly out of focus, showing more of the engine's structure.

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A close-up photograph of a yellow industrial machine, possibly a pumpjack or similar equipment. A person's legs, wearing grey pants and brown boots, are visible through a horizontal metal frame. The machine has various pipes, hoses, and mechanical components. The text "www.PetroRigs.com" is overlaid in the center.

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ENGINE MODEL	3016
SERIAL NUMBER	S2Z00100
 CATERPILLAR ® CAT ®	
ARRANGEMENT NUMBER	273-3849
ALWAYS GIVE ALL NUMBERS! MADE IN U.S.A.	
3N-3790 12	

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MAX. RATED SPEED (RPM)	1800
MAX. LOW IDLE SPEED (RPM)	1450
FUEL RATE MAX. kW (mm ³ /STROKE)	602
MAX. INITIAL TIMING DEG. BTDC	ELECTRONIC
EXH. EMISSION CONT. SYS.	EM, DI, TC, ECM, CAC

THIS 3516 ENGINE CONFORMS TO 2005 U.S. EPA AND CALIFORNIA REGULATIONS LARGE NON-ROAD COMPRESSION-IGNITION ENGINES.

THIS ENGINE IS CERTIFIED TO OPERATE AT CONSTANT SPEED ONLY ON COMMERCIALY AVAILABLE DIESEL FUEL.

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LASH mm	1.0
E LASH mm	0.5
FAMILY	5CPXL78.1ERK
W (HP)	2145 (2876)
SPEED (RPM)	1800
LE SPEED (RPM)	1450
MAX. kW (mm ³ /STROKE)	602
TIMING DEG. BTDC	ELECTRONIC
ON CONT. SYS.	EM,DI,TC,ECM,CAC

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ENGINE CONFORMS TO 2005 U.S. EPA AND
A REGULATIONS LARGE NON-ROAD COMPRESSION-
ENGINES.



SER. NO. S2E1
AR NO. 2733849
PERF SPEC 0K6841

ENGINE MODEL 3516
ROTATION CCW
MAX ALT 1500 M

GEM NO.

FULL LOAD STATIC FUEL 33.6 mm

FTS (SLOPE) 0

FUEL TIMING 64.34 mm

FLS (INTERCEPT) 0

POWER 1603 kW @ 1200 RPM

ECM SOFTWARE 3165278

BARE ENGINE SPEED 1212 RPM

INST ID 201301

USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS

TURBO 2994614

115-5852 2

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PERE SPEC OK6841

MAX ALT	150
FTS (SLOPE)	0
FTS (INTERCEPT)	0
INJECTOR	2501301
TURBO	1884621

119-5452

OEM NO.

FULL LOAD STATIC FUEL 32.4 min

FUEL TIMING

POWER 1603 kW AT 1200 RPM

BAR ENGINE HJLDLE 1212 RPM

USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS.

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ENGINE
MODEL

3516

STILL
NUMBER

S2Z00331

CATERPILLAR

ARRANGEMENT

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MODEL

SERIAL

NUMBER

S2Z00100

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CAT®

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