

## Service Information

<b>REF n°:</b>	<b>01-2016-001 Rev.A</b>	<b>Date</b>	January 19, 2016
<b>MODEL :</b>	All EMEA models		
<b>SUBJECT:</b>	ENGINE – Overview for Doosan Portable Power Compressors		

### Background:

This letter gives a detailed overview of the engines used on the different Doosan compressors.

CE	Engine				Emmissions System					
	Brand	Model	Emissions Stage	Power (Kw)	EGR	VGT	DOC	DPF	SCR	Engine Oil
7/20	Kubota	D1005	StageIIIA	17,5						CI-4
7/26E	Yanmar	3TNV82A	StageIIIA	21,2						CI-4
7/31E	Yanmar	3TNV88	StageIIIA	26,0						CI-4
7/41	Yanmar	4TNV88	StageIIIA	34,8						CI-4
7/53	Yanmar	4TNV84T	StageIIIA	36,0						CI-4
7/73-10/53	Cummins	QSF2.8	StageIIIB	56,0						CJ-4
14/90	Cummins	QSB4.5	StageIIIB	97,0						CJ-4
7/125-10/110	Cummins	QSB4.5	StageIIIB	97,0						CJ-4
12/154	Cummins	QSB6.7	StageIV	168,0						CJ-4
7/204	Cummins	QSB6.7	StageIV	168,0						CJ-4
9/274	Cummins	QSL9	StageIV	226,0						CJ-4
9/304	Cummins	QSL9	StageIV	247,0						CJ-4
12/254	Cummins	QSL9	StageIV	247,0						CJ-4
17/244	Cummins	QSL9	StageIV	247,0						CJ-4
21/224	Cummins	QSL9	StageIV	247,0						CJ-4
10/455	Cummins	QSX15	StageIV	433,0						CJ-4
25/280	Caterpillar	C13	StageIIIB	354,0						CJ-4
25/330	Cummins	QSX15	StageIV	433,0						CJ-4

EGR: Engine Gas

Recirculation

VGT: Variable-geometry turbocharger

DOC: Diesel Oxidation Catalyst

DPF: Diesel Particle Filter

SCR: Selective Reduction Catalyst => using urea

Installed

Not applicable

## Engine Oil

### Use:

API CI-4 oil -> CI-4 is allowed but CJ-4 can also be used.

API CJ-4 oil -> CJ-4 required for aftertreatment systems (DOC-EGR-DPF-SCR) and is fit for use in older engines.

### Engine Oil Partnumbers:

Specification	20 litres	208 litres
API CI-4	46652105	4665210
		6
API CJ-4	46551222	4655122
		3

Failure to use CJ-4 Low Ash oil in Stage4 & Stage4F engines will result in increased soot load to aftertreatment systems and may lead to engine shutdowns and or damage to aftertreatment system components.

**(\*) Refer to machine specifications for full details about engine type**