

Attachment 1: Verified Rypos DPF/ULETRU,
TRU Certified Engine Family List for RYPOS PDF/ULETRU Active Diesel Particulate Filter System for
multi-temperature transport refrigeration units.

Model Year 2003 Engines

Manufacturer	Engine Families
Kubota	3KBXL01.9FCD
Kubota	3KBXL02.2ECC
Kubota	3KBXL02.2ECD
Kubota	3KBXL02.2FCD
Isuzu	3SZXL02.2YNC
Yanmar	3YDXL1.90D4N
Yanmar	3YDXL2.09D4N
Yanmar	3YDXL2.09D4N
Yanmar	3YDXL2.09D4N

Model Year 2004 Engines

Manufacturer	Engine Families
Kubota	4KBXL02.0FCD
Kubota	4KBXL02.2ECC
Kubota	4KBXL02.2ECD
Yanmar	4YDXL2.09K4N

Manufacturer	Engine Families
Yanmar	4YDXL2.09K4N
Yanmar	4YDXL2.09K4N
Yanmar	4YDXL2.09K4N

Model Year 2005 Engines

Manufacturer	Engine Families
Kubota	5KBXL02.0FCD
Kubota	5KBXL02.2ECC
Kubota	5KBXL02.2ECD
Kubota	5KBXL02.2ECD
Yanmar	5YDXL2.09K4N
Yanmar	5YDXL2.09K4N
Yanmar	5YDXL2.09K4N
Yanmar	5YDXL2.09K4N

Model Year 2006 Engines

Manufacturer	Engine Families
Kubota	6KBXL02.0FCD
Kubota	6KBXL02.2ECC
Kubota	6KBXL02.2ECD

Manufacturer	Engine Families
Kubota	6KBXL02.2ECD
Yanmar	6YDXL2.09K4N
Yanmar	6YDXL2.09K4N
Yanmar	6YDXL2.09K4N
Yanmar	6YDXL2.09K4N

Model Year 2007 Engines

Manufacturer	Engine Families
Kubota	7KBXL02.0FCD
Kubota	7KBXL02.2ECC
Kubota	7KBXL02.2ECD
Kubota	7KBXL02.2ECD
Yanmar	7YDXL2.09K4N
Yanmar	7YDXL2.09K4N
Yanmar	7YDXL2.09K4N
Yanmar	7YDXL2.09K4N
Yanmar	7YDXL2.09K4N

Model Year 2008 Engines

Manufacturer	Engine Families
Kubota	8KBXL01.9FCB
Kubota	8KBXL02.2RCD
Yanmar	8YDXL2.09K4N
Yanmar	8YDXL2.09K4N
Yanmar	8YDXL2.09K4N
Yanmar	8YDXL2.09K4N
Yanmar	8YDXL2.09M4N
Yanmar	8YDXL2.09M4N

Model Year 2009 Engines

Manufacturer	Engine Families
Kubota	9KBXL01.9FCB
Kubota	9KBXL02.2RCD
Yanmar	9YDXL2.09K4N
Yanmar	9YDXL2.09K4N
Yanmar	9YDXL2.09K4N
Yanmar	9YDXL2.09K4N
Yanmar	9YDXL2.09M4N
Yanmar	9YDXL2.09M4N

Model Year 2010 Engines

Manufacturer	Engine Families
Kubota	AKBXL01.9FCB
Kubota	AKBXL02.2RCD
Yanmar	AYDXL2.09K4N
Yanmar	AYDXL2.09K4N
Yanmar	AYDXL2.09K4N
Yanmar	AYDXL2.09K4N
Yanmar	AYDXL2.09M4N
Yanmar	AYDXL2.09M4N

Model Year 2011 Engines

Manufacturer	Engine Families
Kubota	BKBXL01.9FCB
Kubota	BKBXL02.2RCD
Yanmar	BYDXL2.09K4N
Yanmar	BYDXL2.09K4N
Yanmar	BYDXL2.09K4N
Yanmar	BYDXL2.09K4N
Yanmar	BYDXL2.09M4N

Manufacturer	Engine Families
Yanmar	BYDXL2.09M4N

Model Year 2012 Engines

Manufacturer	Engine Families
Kubota	CKBXL02.2RCB
Yanmar	CYDXL2.09K4N
Yanmar	CYDXL2.09M4N

Model Year 2013 Engines

Manufacturer	Engine Families
Kubota	DKBXL02.2RCB
Yanmar	DYDXL2.09NFA

Model Year 2014 Engines

Manufacturer	Engine Families
Kubota	EKBXL02.2RCB
Yanmar	EYDXL2.09NFA

Model Year 2015 Engines

Manufacturer	Engine Families
Kubota	FKBXL02.2RCB
Yanmar	FYDXL2.09NFA

Model Year 2016 Engines

Manufacturer	Engine Families
Kubota	GKBXL02.2RCB
Yanmar	GYDXL2.09NFA

Model Year 2017 Engines

Manufacturer	Engine Families
Kubota	HKBXL02.2RCB
Yanmar	HYDXL2.09NFA

Model Year 2018 Engines

Manufacturer	Engine Families
Kubota	JKBXL02.2RCB
Yanmar	JYDXL2.09NFA

Model Year 2019 Engines

Manufacturer	Engine Families
Kubota	KKBXL02.2RCB
Yanmar	KYDXL2.09NFA

Model Year 2020 Engines

Manufacturer	Engine Families
Kubota	LKBXL02.2RCB
Yanmar	LYDXL2.09NFA

Model Year 2021 Engines

Manufacturer	Engine Families
Kubota	MKBXL02.2RCB
Yanmar	MYDXL2.09NFA

Model Year 2022 Engines

Manufacturer	Engine Families
Yanmar	NYDXL02.1NFC