RADICAL SPORTSCARS - RPE TECHNICAL BULLETIN 2022#001

DATE: 14/02/2022 MODEL: SR1/SR3



1340 - 1500 ENGINE OIL SPECIFICATION CHANGE (2022 X)

PRIORITY - HIGH (ACTION)

As part of our commitment to provide industry leading Powertrains, RPE are introducing a new 2022 X specification 1340 & 1500.

Effective from 01/02/2022 our specification of engine oil and recommended operating temperatures has changed, this falls in line with various durability revisions to our 2022 X specification 1340 & 1500.

To differentiate this variant of engine they will be marked with an 'X' after the engine number, which is stamped on the upper crankcase (**NOT** the cam cover) E.g., '1500-999 X'. It is critical these variants of engine are run on the new specification engine oil.

The new spec engine oil is backwards compatible, so older engine will also be able to run this specification oil.

REQUIREMENTS FOR 2022 X ENGINE SPECIFICATION

Part Changes:

Engine Oil: OLD: Motul 300V 4T 15W-50 > NEW: Motul 300V 4T 15W-60 (also suitable for old spec engines).

Run Conditions:

Minimum on Load Temperature: OLD: 50°C > NEW: 55°C (use of engine oil preheater strongly advised).

Optimum Operating Temperature: OLD: $90^{\circ}\text{C} - 100^{\circ}\text{C} > \underline{\textit{NEW: 95°C - 105°C}}$ (to set engine oil temperature apply tape to rear side of engine oil cooler, if further airflow restriction is required then apply tape at duct entry).

Oil Service Life: OLD: 6hrs > NEW: 8hrs

For additional information please contact Powertrains: engines@radicalsportscars.com

For oil supply please contact your local Motul dealer or the Radical Parts team at stores@radicalsportscars.com

Powertrain Department Radical Sportscars

Tel: +44 (0)1733 331616 ext. 216 Email: <u>engines@radicalsportscars.com</u>



