

TECHNICAL BULLETIN

<p>Subject</p> <p>CHANGE TO COOLANT SPECIFICATION PRECAUTIONS</p>	<p>Model XK8 Year LATE 1999 MY VIN 042635 ONWARDS Model V8 XJ SERIES Year LATE 1999 MY VIN 878274 ONWARDS</p>
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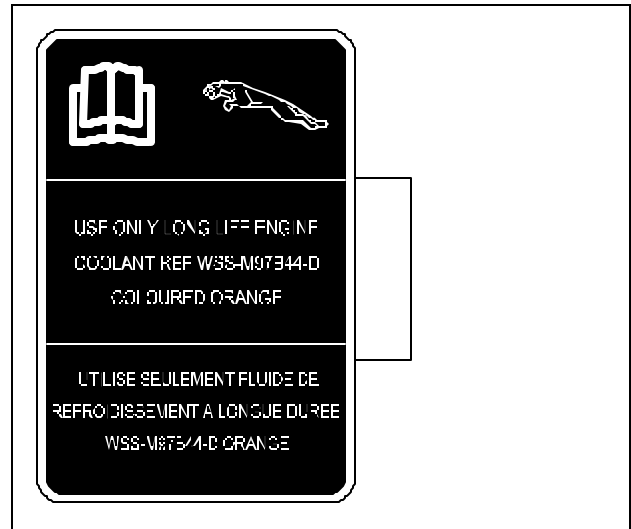
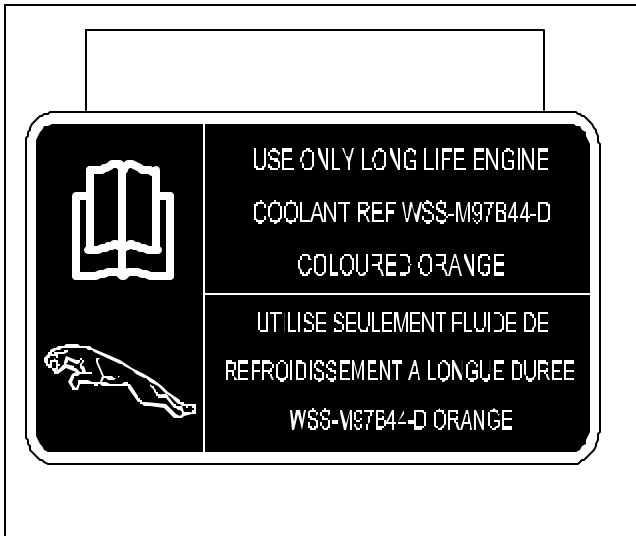
Please destroy Version 2 of this Bulletin, dated 09/99. Replace it with this revised Version 3.

ISSUE:

The specification of coolant filled during production has changed at the VINs listed above.

The new coolant is known as Extended Life Coolant (XLC) or Long Life Engine Coolant and may be recognized by its distinctive **orange** color. 2000 Model Year vehicles also utilize the same coolant, from VIN 00083 (XK8) and from VIN F00108 (V8 XJ Series).

It is necessary that vehicles filled with Extended Life Coolant should be recognized, both from the introductory VIN and from the following information so that the correct coolant product is used, should it be necessary to rectify any loss or shortage of coolant in a vehicle.



RECOGNITION FEATURES

- (i) Extended Life Coolant is colored **orange**
- (ii) Vehicles filled with Extended Life Coolant may also be recognized by labels applied to the header tank, similar to those illustrated above.

Note:

Header tank labels may differ in detail from the above illustrations, depending on model variants and Markets.

It is important that vehicles filled with Extended Life Coolant are **never** topped up with earlier-type coolants such as D542 or D985.

Contamination of Extended Life Coolant with D542 or D985 coolant will seriously reduce the long-life properties of Extended Life Coolant and will have an adverse effect on the corrosion protection properties of the coolant.

Similarly, vehicles originally filled with D542 or D985 coolant should never be topped up with Extended Life Coolant.

The various coolant products should **always** be kept separate and never mixed.

Extended life coolant was first introduced on Jaguar S-TYPE models. The same non-mix conditions apply to these vehicles

HISTORIC BACKGROUND:

D985 coolant was used in production on the following vehicles:

- (i) XJS vehicles until 1996 Model Year
- (ii) XJ6 and XJ12 Sedan models prior to VIN 803241 (February 1997)
- (iii) XK8 models up to VIN 010341

Note: The majority of XK8 vehicles in the VIN range 001036 - 010341 will have been converted to D542 coolant under Service Action S813. These converted vehicles should be recognized by **yellow** coolant and a corresponding label affixed to the cooling system header tank. Full details are in Bulletin 303-09 dated 6/97, and Service Action S813.

D985 coolant is **blue/green** in color. Jaguar part numbers JLM 11979/1 - JLM 11979/5 apply.

D542 coolant was used in production on the following vehicles:

- (i) XJ6, XJ12 from VIN 803242 (1997 Model Year) to VIN 812255
- (ii) XK8 from VIN 010342 (1997 Model Year) to July 1999
- (iii) V8 XJ Series Saloons from VIN 812256 to July 1999

D542 coolant is **yellow** in color. Jaguar part numbers JLM 20404/1 - JLM 20404/5 apply.

EXTENDED LIFE COOLANT applies to the following vehicles:

- (i) S-TYPE from 1999.25 Model Year Introductory VIN: L00600 (and from L25201 2000 MY)
- (ii) XK8 from August 1999 Introductory VIN: 042635 (and from A00083 2000 MY)
- (iii) V8 XJ Series from August 1999 Introductory VIN: **878274** (and from F00103 2000 MY)

Extended Life Coolant is **orange** in color. Jaguar part numbers are tabulated overleaf. Extended Life Coolant conforms to specification WSS-M97B44-D

Bulletin 303-09 (XK8) together with Service Action S813 provide details of the conversion of early XK8 vehicles to D542 coolant.

Extended Life Coolant should never be mixed with either of the earlier coolants, and vice versa.

ACTION:

1. Dealers should ensure they stock both D542 and Extended Life Coolant (XLC).
2. Vehicles filled with Extended Life Coolant must be immediately recognized and must be topped-up or refilled with Extended Life Coolant only.
3. At routine service intervals where a complete change of coolant is involved, replacement coolant should normally be used on a 'like-for-like' basis.

However, it is permissible, where a complete change in coolant is being undertaken at a routine service interval, to convert any of the following vehicles to D542 (Yellow) where the cooling system currently still contains D985 (Blue/Green) coolant:

XK8 models prior to VIN 010342

XJ6 and XJ12 models, VIN range 720001 - 803241

Note: Header tank label part number. MNA 7698AA should be fitted where a conversion to D542 coolant is made on the above vehicles. Refer to Bulletin 04.1-02 for further details.

4. While it is permissible to convert any vehicle originally filled with D542 or D985 coolant to Extended Life Coolant, this is **not recommended**, as it is necessary to fully flush all existing coolant from the vehicle before refilling. It would also be necessary to provide a label for the header tank so that the coolant type would be recognized by the customer and by any other Dealer who may be called upon to provide service.
5. ALL coolants supplied by Jaguar Parts Operations and mentioned in this Bulletin are supplied in a concentrated form and require dilution with an equal quantity of clean water, to provide a 50:50 mixture as used in the engine cooling system.

PARTS INFORMATION:

Extended Life Coolant should be ordered via Jaguar Parts Operations:

DESCRIPTION	PART No.	PACK SIZE
Extended Life Coolant	JLM 20972/2	1 liter
Extended Life Coolant	JLM 20972/3	5 liter
Extended Life Coolant	JLM 20972/4	25 liter
Extended Life Coolant	JLM 20972/5	205 liter

WARRANTY INFORMATION:

This Bulletin is issued 'for information' only.