Service Bulletin Mazda North American Operations Irvine, CA 92618-2922



Subject:

DIFFERENTIAL OIL

Bulletin No: 03-004/03

Last Issued: 12/18/2003

APPLICABLE MODEL(S)/VINS

RX8

DESCRIPTION

The workshop manual and RX8 Owner's Manual recommend using API service GL-5 SAE-90 oil for differential lubrication. GL-5 SAE-90 oil is not easily found in the North American market. The following oils have been tested and approved for use in RX8 with no loss of performance or increase in noise:

SAE 80W-90 GL5

SAE 75W-90 GL5 (This weight oil is not available from Mazda)

NOTE: These fluids may be used in both standard and LSD differentials, limited slip lubricant additives are not necessary.

PART(S) INFORMATION

| Part Number | Description | Qty. | Note |
|-----------------|----------------|------|--|
| 0000-77-80W9-QT | SAE 80W-90 GL5 | 1 | Requires 1.4 quarts to fill differential |
| | | | Order by the case: |
| | | | Order 12 = 1 case |
| | | | Order 24 = 2 cases etc. |

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.