

SURFACE VEHICLE RECOMMENDED PRACTICE

An American National Standard

SAE J753

REV.
MAY91

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Superseding J753 MAY87

(R) MAINTENANCE INTERVAL CHART

Foreword—This Document has also changed to comply with the new SAE Technical Standards Board format.

1. Scope—Instructions on this chart are intended to be used as a ready reference by personnel responsible for servicing off-road self-propelled work machines described in SAE J1116, categories 1, 2, 3, and 4. Detailed maintenance and service guidelines are reserved for maintenance, operator, and lubrication manuals as defined in SAE J920.

1.1 Purpose—This SAE Recommended Practice is a guideline for constructing a permanently mounted maintenance chart that can be attached to a machine, and recommends maintenance intervals for off-road machinery.

2. References

2.1 Applicable Publications—The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATIONS—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J754a—Lubricant Types—Construction and Industrial Machinery

SAE J920 SEP95—Technical Publications for Off-Road Work Machines

SAE J1116 JUN86—Categories of Off-Road Self-Propelled Work Machines

2.2 Related Publications—The following publications are provided for information purposes only and are not a required part of this document.

2.2.1 SAE PUBLICATIONS—Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

SAE J115—Safety Signs

SAE J817a—Engineering Design Serviceability Guidelines—Construction and Industrial Machinery

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3. Recommended Maintenance Intervals—Hours

10 (or each shift)
50 (or weekly)
100 (or 2 weeks)
250 (or monthly)
500 (or 3 months)
1000 (or 6 months)
2000 (or yearly)

(whichever occurs first)

4. Recommended Practice

- 4.1** Each chart shall list basic maintenance items essential for normal operation. If special instructions are required, then reference shall be made to an appropriate machine manual.
- 4.2** The designer shall include maintenance intervals that coincide with recommended intervals defined in Section 3.
- 4.3** Common terms such as clean, check, change lube, etc., shall be used to list the type of service required.
- 4.4** Key each maintenance item using lubricant codes defined in SAE J754. Those definitions used on each individual maintenance chart shall be defined and printed on the chart. Specific oil and grease grades can also be included on a chart. A drawing depicting a machine should normally be included on the chart.
- 4.5** Sans-serif Gothic uppercase lettering such as standard medium, folio medium, news Gothic, or equivalent is recommended. Letter size should not be less than 3 mm high.
- 4.6** Maintenance of machine attachments may be included on the standard machine chart or covered by separate charts.

5. Notes

- 5.1 Marginal Indicia**—The change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions have been made to the previous issue of the report. An (R) symbol to the left of the document title indicates a complete revision of the report.

PREPARED BY THE SAE OFF-ROAD MACHINERY TECHNICAL COMMITTEE SC16—SERVICEABILITY