

City of Madison Heights  
Vehicle Replacement Guidelines & Evaluation Worksheet

Disposition: Trade-In

(Only those fields shaded in yellow need to be completed.)

Date of Evaluation:9/1/2025

Vehicle #:407

Department / Division:Streets

Year / Make / Model:2003CAT Backhoe

Vehicle Type:C

Type A = Sedans / Light Trucks ≤ 1 Ton

Type B = Medium / Heavy Duty > 1 Ton

Type C = Off Road Equipment

Age:

One point for each year of chronological age beginning with in-service date

In Service Date:8/7/2003

Age in Months:264

Age in Years (rounded):22

Score:22

Usage:

Type A = 1 point per 10,000 miles; Type B = 1 point per 5,000 miles; Type C = 1 point per 250 hours used

Actual Mileage:

Actual Hours:3,380

as of9/1/2025

Score:14

| Service Type: Type A |                                                                                                                                                                                                                                                       | Type C |                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|
| Points               | Description                                                                                                                                                                                                                                           | Points | Description                                                                       |
| 1                    | Standard sedans and light pickups.                                                                                                                                                                                                                    | 1      | Standard duties as equipped.                                                      |
| 2                    | Standard vehicles with occasional off-road usage.                                                                                                                                                                                                     | 2      | Standard duties when used with attachments (sickle bar, backhoes, rear bushhogs). |
| 3                    | Any vehicle that pulls trailers, hauls heavy loads, continued off-road usage.                                                                                                                                                                         | 3      | Multiple duties based on seasons (snow, mowing, leaf).                            |
| 4                    | Any vehicle involved in snow removal.                                                                                                                                                                                                                 | 4      | Extreme duties in harmful atmosphere (dust, salt, water).                         |
| 5                    | Police, Fire, and Rescue service vehicles.                                                                                                                                                                                                            | 5      | Heavy construction work including snow removal.                                   |
| Type B               |                                                                                                                                                                                                                                                       |        |                                                                                   |
| Points               | Description                                                                                                                                                                                                                                           |        |                                                                                   |
| 1                    | Standard use including basic job site duties, some light duty hauling.                                                                                                                                                                                |        |                                                                                   |
| 2                    | Standard use with attachments (compressors, lights, etc.) including job site duties, standard load hauling, some towing.                                                                                                                              |        |                                                                                   |
| 3                    | Above standard use including job site duties that include idling, standard load hauling, light trailer/equipment towing, leaf collection.                                                                                                             |        |                                                                                   |
| 4                    | Above standard use including job side idling and hauling above standard loads, towing equipment and heavy trailers, light snow removal.                                                                                                               |        |                                                                                   |
| 5                    | Extreme service, high job site idling and duties with attachments, heavy load hauling, heavy trailer/equipment towing, major snow removal duties, refuse collection, etc.<br>(Examples: Sign Truck, Tandem or Single Dump Truck, Snow Removal Truck). |        |                                                                                   |
|                      |                                                                                                                                                                                                                                                       | Score: | 5                                                                                 |

Reliability:

Note: Based on current conditions. Preventative Maintenance work is not included.

Points

Description

1In shop 0 or 1 time within the last 3 months, and no major breakdowns or road calls.

2In shop 1 time within the last 3 months, and 1 breakdown/road call within the last 3 months.

3In shop more than twice within the last month, and no major breakdowns or road calls.

4In shop more than once within the last month, and 2 or more breakdowns/road calls within the last month.

5In shop more than twice monthly within the last 3 months, and 2 or more breakdowns within the last month.

Number of times in shop within the last month:0

Number of times in shop within the last 3 months:1

Any Road Calls or Breakdowns (Y or N):N

Road Calls / Breakdowns within the last month:0

Road Calls / Breakdowns within the last 3 months:0

In shop more than twice monthly within the last 3 months (Y or N):N

Score:1

Maintenance & Replacement Costs:

PointsDescription

1Maintenance costs are less than or equal to 20% of replacement cost.

2Maintenance costs are 21-40% of replacement cost.

3Maintenance costs are 41-60% of replacement cost.

4Maintenance costs are 61-80% of replacement cost.

5Maintenance costs are greater than or equal to 81% of replacement cost.

Total Maintenance Cost\$19,494

as of9/1/2025

Estimated Purchase Price - New Veh.\$140,000

as of9/1/2025

Est. Resale Value of Car to be sold\$20,000

as of9/1/2025

Estimated Net Replacement Cost\$120,000

as of9/1/2025

Maintenance Cost as % of Replacement Cost:16.2%

as of9/1/2025

Score:1

Condition:

Type A

PointsDescription

1No visual damage or rust and a good drive train

2Minor imperfections in body and paint, interior fair (no rips, tears, burns), and a good drive train.

3Noticeable imperfections in body and paint surface, some minor rust, minor damage from add-on equipment, worn interior (one or more rips, tears, burns), and a weak or noisy drive train.

4Previous accident damage, poor paint and body condition, rust (holes), bad interior (tears, rips, cracked dash), major damage from add-on equipment, and one drive train component bad.

5Previous accident damage, poor paint, bad interior, drive train that is damaged or inoperative, and major damage from add-on equipment

Type B

PointsDescription

1No visual damage or rust, good paint, good interior, no damage from add-on equipment, no body modification, good drive train.

2Minor imperfections in body and paint, interior fair (no rips, tears, burns), good drive train, minor body modification.

3Noticeable imperfections in body and paint surface, some minor rust, fair interior, weak/fair drive train, minor body modification, minor damage from add-on equipment.

4Previous accident damage, poor paint & body condition, major rust/corrosion, poor interior, damage from add-on equip., moderate body modification evidence, 1 drive train component bad.

5Previous accident damage, poor paint & body condition, bad interior, drive train damaged or inoperative, major body modifications, major damage from add-on equipment and attachments.

Type C

PointsDescription

1Good condition, fully functional.

2Fair body, functional.

3Minor body damage, weak operating system.

4Severe damage, component not functional.

5Extreme damage, inoperable.

Number of Notable Accidents:0

(list number)

Paint / Body:Poor

comment

Interior:Poor

comment

Drive Train:Fair

comment

General Condition:3

(pick number from table)

Score:3

| Overall: |           | Total Score:                                | 46 |
|----------|-----------|---------------------------------------------|----|
| 0 - 17   | Excellent | Do not replace.                             |    |
| 18 - 22  | Good      | Re-evaluate for future budget(s).           |    |
| 23 - 27  | Fair      | Qualifies for replacement if budget allows. |    |
| 28+      | Poor      | Needs priority replacement.                 |    |

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Date:9/1/2025