

City of Madison Heights
Vehicle Replacement Guidelines & Evaluation Worksheet

Disposition: Auction

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

Date of Evaluation:6/24/2024

Vehicle #:488

Department / Division:Parks

Year / Make / Model:2003Volvo Loader

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:11/19/2003

Age in Months:247

Age in Years (rounded):21

Score:21

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:3,022

as of6/24/2024

Score:12

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. (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
1	In shop 0 or 1 time within the last 3 months, and no major breakdowns or road calls.
2	In shop 1 time within the last 3 months, and 1 breakdown/road call within the last 3 months.
3	In shop more than twice within the last month, and no major breakdowns or road calls.
4	In shop more than once within the last month, and 2 or more breakdowns/road calls within the last month.
5	In 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:0

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:

Points	Description
1	Maintenance costs are less than or equal to 20% of replacement cost.
2	Maintenance costs are 21-40% of replacement cost.
3	Maintenance costs are 41-60% of replacement cost.
4	Maintenance costs are 61-80% of replacement cost.
5	Maintenance costs are greater than or equal to 81% of replacement cost.

Total Maintenance Cost\$17,464

as of6/24/2024

Estimated Purchase Price - New Veh.\$150,000

as of6/24/2024

Est. Resale Value of Car to be sold\$10,000

as of6/24/2024

Estimated Net Replacement Cost\$140,000

as of6/24/2024

Maintenance Cost as % of Replacement Cost:12.5%

as of6/24/2024

Score:1

Condition:

Type A	
Points	Description
1	No visual damage or rust and a good drive train
2	Minor imperfections in body and paint, interior fair (no rips, tears, burns), and a good drive train.
3	Noticeable 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.
4	Previous 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.
5	Previous accident damage, poor paint, bad interior, drive train that is damaged or inoperative, and major damage from add-on equipment

Type B	
Points	Description
1	No visual damage or rust, good paint, good interior, no damage from add-on equipment, no body modification, good drive train.
2	Minor imperfections in body and paint, interior fair (no rips, tears, burns), good drive train, minor body modification.
3	Noticeable imperfections in body and paint surface, some minor rust, fair interior, weak/fair drive train, minor body modification, minor damage from add-on equipment.
4	Previous 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.
5	Previous 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	
Points	Description
1	Good condition, fully functional.
2	Fair body, functional.
3	Minor body damage, weak operating system.
4	Severe damage, component not functional.
5	Extreme damage, inoperable.

Number of Notable Accidents:1

(list number)

Paint / Body:Fair

comment

Interior:Fair

comment

Drive Train:Good

comment

General Condition:3

(pick number from table)

Score:4

Overall:Total Score:44

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.

Prepared By:Sean P. Ballantine

Date:6/24/2024