

H. Van Arsdale

TRACTOR CO. ISON

1.

OC-9 Diesel vs. Competition

	OLIVER OC-9 5 L.O.M. 5 1/4" gauge	I-H TD-6 5 L.O.M. 50" gauge	CASE "600" 5 L.O.M. 49" gauge
Gross Engine H. P.	62	N.A.	62
Net Flywheel H. P.	57	52	57 (1)
Drawbar H. P.	45.6 (2)	42.3	45.6 (2)
Belt H. P.	54.7	51.4	54.7 (1)
Gov'd. Engine R. P. M.	2200	1550	2250
No. of Cylinders	4	6	4
Engine Displacement - cu. in.	198	282	208
Cyl. Bore & Stroke - in.	3-3/4 x 4 1/2	3-11/16 x 4.39	3-11/16 x 4-7/8
No. Main Bearings	5	4	4
Max. Torque @ R.P.M. - ft. lbs.	163.4 @ 1400	N.A.	155 @ 1400
Fuel Tank Capacity - gallons	38	33	25
No. Upper track wheels	2	1	1
Length of Track on Ground - in.	71-7/16	58-5/8	62-5/8
Std. Track Shoe - in.	12	12	14
Total Ground Contact Area - sq. in.	1714.5	1407	1503 (4)
Clearance at Sod Pan - in.	13	8-3/4	15 1/2
Max. D. B. lbs. pull - 1st.	16,900 (3)	10,500 (3)	15,860 (3)
2nd.	14,691	7,230	9,000
3rd.	9,487	3,900	7,750
4th.	5,935	2,610	4,450
5th.	=	=	=

OLIVER OC-9
5 L.T.W.
5 1/4" gauge

I-H TD-6
4 L.T.W.
50" gauge

CASE #600"
5 L.T.W.
4 9/16" gauge

Forward Speeds: 1st.
2nd.
3rd.
4th.
5th.

0 - 1.53
0 - 2.45
0 - 3.79
0 - 6.05
-

1.6
2.3
4.0
5.7
-

0 - 1.67
0 - 3.22
0 - 3.40
0 - 6.56
-

Reverse Speeds: 1st.
2nd.
3rd.
4th.

0 - 2.04
0 - 3.26
0 - 5.05
0 - 8.07
-

1.8
3.7
-
-

0 - 1.83
0 - 3.51
0 - 3.74
0 - 7.20
-

Type Steering - std.

Wet Hyd. clutch Dry clutch

Wet Hyd. clutch

Hydraulic Transmission

Yes No

Yes

Counter Rotation turns

Yes No

No No

Torque Converter

Std. equip.
2.78:1

None

Std. Equip.
2.17:1

Turning Radius - Spot Turn
Counter-Rotation

7' 4"
5' 7"
None

6' 4"
None

6' 4"
None

Shipping Wt., approx. - lbs.

9325#

8624#

7200#

Ground Pressure (w/12" shoes) - p.s.i.

5.6

5.2

4.8

Ground Pressure (w/14" shoes) - p.s.i.

4.6

4.4

4.3

Key: (1) Case publish 62 gross max. H.P.; 45 D.B.H.P., and 54.7 belt H.P. are estimates.

(2) S'E sub-committee #1 reports indicate Industry acceptance of fact that actual D.B.H.P. will be approximately 80% of flywheel H.P. for converter models.

(3) Assuming adequate weight and traction, as advertised.

(4) Area figured with 12" shoes; with std. 14" shoes, area is 1753.5 sq. in.

N.A. - Not available

OC-9 DIESEL CE COMPARISON

OLIVER OC-9 5 L.O.W. 5 1/2" gauge	I-H TD-6 5 L.O.W. 50" gauge	CASE #600M 5 L.O.W. 49" gauge
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Price list dated	11-15-59	11-16-59	11-1-58
Price - basic tractor	\$ 8,033.00	\$ 7,167.75	\$ 7,973.25

Electric starting (includes lights)	\$ 33.25	S	S
Ignition lock switch	\$ 2.25	\$ 2.25	S
Heavy Duty springs	\$ 10.00	\$ 10.00	S
Crankcase guard	\$ 101.00	\$ 101.00	S
Hourmeter	\$ 41.50	\$ 41.50	\$ 26.00
Tool box	\$ 11.75	\$ 11.75	S
Drawbar	S	S	\$ 37.75
Large dia. front wheel	S	\$ 73.00	S
Heat indicator & thermostat	\$ 6.25	\$ 6.25	S

Total price (as shown above)	\$ 8,066.25	\$ 7,370.50	\$ 8,037.00
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Total weight - Approx. (as shown above)	9330#	8207#	7262#
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List price per lb. of tractor weight	\$ 0.862	\$ 0.898	\$ 1.108
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List price per flywheel H.P.	\$ 141.51	\$ 151.90	\$ 141.00
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List price per belt H.P.	\$ 147.46	\$ 153.67	\$ 146.93
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(S) - Standard equipment

R. F. Hana, Cleveland Plant
12-10-59 (replaces 11-4-59)