MINISTERO DELL'AGRICOLTURA E DELLE FORESTE
Direzione Generale Produzione Agricola

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO
Via Milano, 43 - 24047 Treviglio (BG) ITALY
tel. 0363/49603

O.E.C.D. n. 943
restricted code

Test in accordance with O.E.C.D. Restricted Standard Code for the official testing of agricultural tractors

Report on test of: SAME EXPLORER 65 VDT



Submitted for test by: Same Trattori S.p.A.
V.le Cassani 15
24047 TREVIGLIO (BG)

Date of approval O.E.C.D.: 22 - 07 - 1985

Period of test: MAY-JUNE 1985

I.S.M.A. - TREVIGLIO
Via Milano, 43

TEST n.019

MINISTERO DELL'AGRICOLTURA E DELLE FORESTE
Direzione Generale Produzione Agricola

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO
Via Milano, 43 - 24047 Treviglio (BG) ITALY
tel. 0363/49603

O.E.C.D. n. 943
restricted code

Test in accordance with O.E.C.D. Restricted Standard Code for the official testing of agricultural tractors

Report on test of: SAME EXPLORER 65 VDT



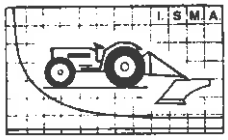
Submitted for test by: Same Trattori S.p.A.
V.le Cassani 15
24047 TREVIGLIO (BG)

Date of approval O.E.C.D.: 22 - 07 - 1985

Period of test: MAY-JUNE 1985

I.S.M.A. - TREVIGLIO
Via Milano, 43

TEST n.019



ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA

SEZIONE DI TREVIGLIO

TABLE OF CONTENTS

- Specification of tractor 2
- Power take-off performance 16
- Power lift and hydraulic power test 20
- Drawbar performance 21

All stated dimension and tests referred to tyre size 12 4/14 30 (6plr) at front and 16 9/14 30 (6plr) at rear, as well as to track whiths 1500 mm at front and 1500 mm at rear.

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO

- Tractor manufacturer's: SAME TRATTORI S.p.a. TREVIGLIO (BG)
- Submitted for test by: the manufacturer
- Selected by: the manufacturer with the agreement of ISMA
- Place of running in: TREVIGLIO
- Duraction of running in: 50 hours

I - SPECIFICATIONS OF TRACTOR

TRACTOR

- Make: SAME TRATTORI S.p.A.;
- Model : EXPLORER 65 V DT;
- Type: Weeled tractor, unit constr.,4 WD;
- Serial no.: 2056;
- First serial no.:1001;

ENGINE

- Make: SAME TRATTORI S.p.A.;
- Model: 916.4 A;
- Type : Air coaled 4 stroke Diesel engine direct injection;
- Serial n.: 2257;

Cylinders

- Number/disposition: 4 vertical in line;
- Bore/stroke: 103/110 mm;
- Capacity: 3666 cc;
- Compression ratio: 17.1/1;
- Arrangement of valves: Overhead;
- Cylinder liners: without liners;

Fuel system

- Fuel feed system: Ac corone fuel feed pump;
- Make, type and model of fuel filter: Fiamm Fna 166/00;
- Capacity of fuel tank: 70 l;
- Make, type and model of injection pump: BOSCH PFR 1K 90 A 472 immersed pump, one for cylinder, serial n.
- Manufacturer's production secting of injection pump
  . flow rate 46+/-2 mm3/Stroke at rated speed and full load;
  . timing 18+/-0.5 before TDC;
- Make, type and model of injectors:BOSCH DLLA 150 S 925 multihole injection nozzles;
- Injection pressure: 220 bar;

Governor

- Make: SAME TRATTORI S.P.A.;
- Type: mechanical variable speed;
- Model: 065.1652.4;
- Governed range of engine speed from 650 to 2520 rev/min;
- Rated engine speed : 2350 rev/min;

Air Cleaner

- Main filter
  . Make: DONALDSON;
  . Type: Dry paper element filter;
  . Model:FKG 06-5296;
  . Location : front of engine;
- Maintenance indicator : with the warning lamp on the dashboard;

Lubrication system

- Type : forced feed from gear pump;
- Total oil capacity including filter(s): 9.2 l;
- Oil change period : 125 hrs;
- Type of filter : FIAMM FT 4803 IN;
- Number: 1;
- Filter change period: 300 hrs;
- Oil specifications (see pag.14)

Cooling system

- Type and detail: air cooling with axial blower;
- No. of blade : 13;
- Diameter : 280;

Starting system

- Safety derive: Preventing engine start in gear;
- Make:BOSCH;
- Type : electromagnetic engagement;
- Model : JF 12 V;
- Power: 3 kW for start motor rating;
- Starting system for low temperatures: thermostarter(opt.);

Electrical system

- Voltage: 12 V;
- Generator
  . Make: BOSCH;
  . Type: alternator K1 14V 55 A 20;
  . Power: 770 W;
- Battery : 1 lead acid;
  . Capacity: 110 Ah at 20 hours rating;

Exhaust system

- Make: SAME TRATTORI S.P.A.;
- Type: 4 chambers reflection absorption;
- Model: 255.6610.3;
- Location: on the left hand side of engine cowling;
- Height of outlet above ground: 2570 mm;

TRANSMISSION

Clutch: utilized only for travelling of tractor
- Make: SAME TRATTORI S.P.A.;
- Type : single disc dry clutch;
- Model: 255.23;
- Disc diameter: 280 mm;
- Control system: hydraulically operated by pedal self readjusting;

Gear box

- Make: SAME TRATTORI S.P.A.;
- Type: mechanical syncromesh speed change gear with 4 speeds forward, with 3 ranges speed and 1 reverse group;
- Model: 255.31;
- No. speeds: 12 forward and 12 reverse;
- Available options: 24 forward and 12 reverse or 16 forward and 16 reverse or 20 forward and 20 reverse;

Rear axle and final drives

- Make: SAME TRATTORI S.P.A.;
- Type: bevel gear differential and epicyclic final drive;
- Model: 255.44;
- Differential lock: yes
- Model: mechanical;
- Type: SAME TRATTORI S.P.A.
- Control system: engaged or disengaged with pedal;

Front axle and final drive

- Make: SAME TRATTORI S.P.A.;
- Type: 255.43;
- Model: original SAME system with central shaft bevel gear drive, differential and epicyclic final drive;
- Differential lock: yes;
  . Model: SAME;
  . Type: mechanical;
  . Method of engagement: with pedal;
  . Metod of disengagement: with pedal;

Transmission lubrication

- Oil capacity
  . Gear box, rear axle, final drive, power lift and hydraulic system: in commomn, total capacity filter including 45 l;
  Change period: 1200 hrs;
  Filter change period: when the filter clogging warning lamp is lighted;
  . Front axle and final drive: total capacity 6 l;
  Changing: 1200 hrs;
- Recommended oil: see pag.15

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO

SAME EXPLORER 65 VDT TEST N.019

Total ratios and speeds

Gear n.	Group	Number of engine revolutions for one revolution of the driving wheels	Nominal traveling speed at a rated engine speed of 2350 rev/min
1		494.57	1.23
2	slow	371.72	1.64
3		281.80	2.16
4		212.31	2.87
1		155.28	3.93
2	normal	116.71	5.23
3		88.47	6.90
4		66.66	9.16
1		51.29	11.91
2	fast	38.55	15.85
3		29.22	20.76
4		22.01	27.76
REVERSE			
1		474.93	1.28
2	slow	357.00	1.62
3		270.60	2.25
4		203.90	2.99
1		149.11	4.09
2	normal	112.07	5.45
3		85.00	7.19
4		64.01	9.55
1		49.25	12.41
2	fast	37.01	16.51
3		28.06	21.78
4		21.14	28.91

- Tyre size 16.9/30 infaction pressure1.3 bar
- Tyre radius index: 695 mm

POWER TAKE-OFF

Main power take-off

- Type: indipendent at rear of tractor, in tractor's median plane, engaged or disengaged through hand lever. Driven by multiplate clutch indipendent of travel clutch;

Power take-off proportional to engine speed

540 rev/min

It is possible,through 6 screws, to mount: one take-off shaft end at 6 or at 21 splines. Changing speeds through external hand lever;

- Location:at rear of tractor;
- Diameter of power take-off shaft end: 34.9 mm;
- Number of splines: 6 in conformity with "ISO Standard 500 - 1979";
- Height above ground with tyre size 16.9/30: 710 mm;
- Distance from the median plane of the tractor 0 mm;
- Distance behind rear axle: 380 mm;
- PTO speed: 609 rev/min at rated engine speed;
- Engine speed:2083 rev/min at standard power take-off speed 540 rpm;
- Ratio of rotation speeds (engine speed/p.t.o. speed): 3.857;
- Max power and torque trasmissible: 90 kW and 1245 Nm;
- Direction of rotation (viewed facing driving end): clockwise;

1000 rev/min

- Location: at rear of tractor;
- Diameter of power take-off shaft end: 34.9 mm;
- Number of splines: 21 in conformity with "ISO Standard 500 - 1979";
- Height above ground with tyre size 16.9/30: 710 mm;
- Distance from the median plane of the tractor 0 mm;
- Distance behind rear axle: 380 mm;
- PTO speed at rated engine speed: 1028 rev/min
- Engine speed 2285 rev/min at standard power take-off speed: 1000 rpm;
- Ratio of rotation speeds (engine speed/p.t.o. speed): 2.2857;
- Direction of rotation (viewed facing driving end): clockwise;

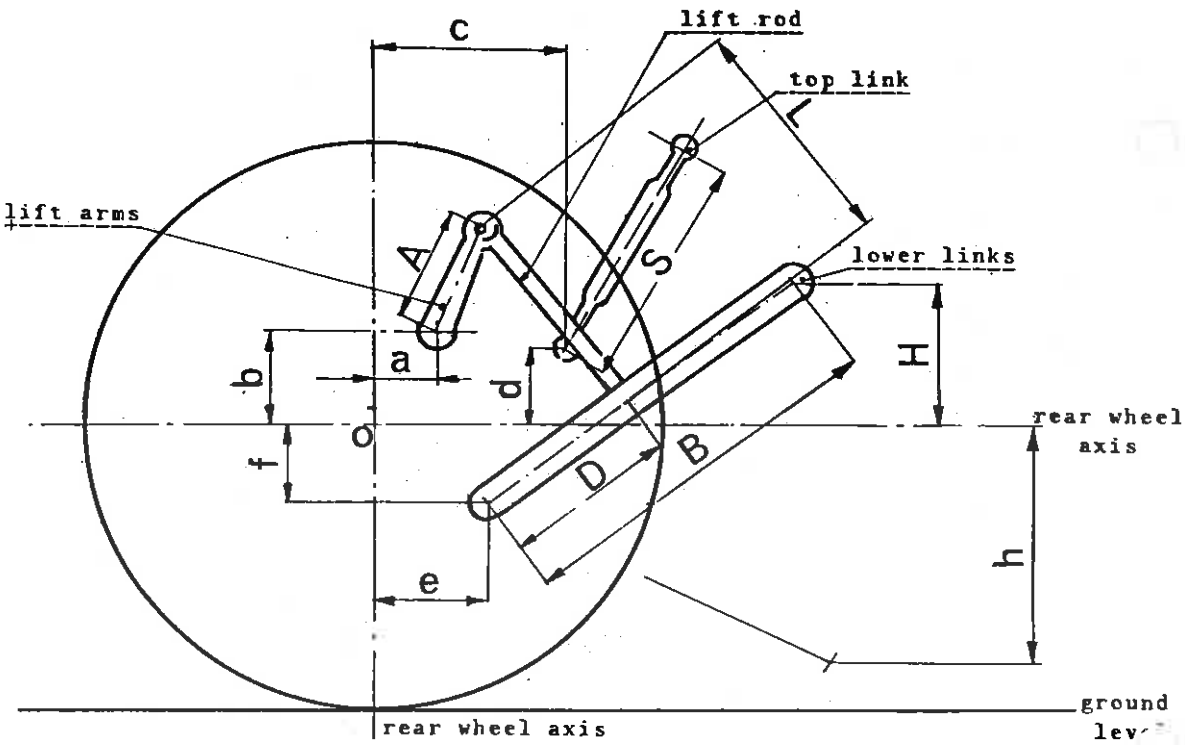
POWER LIFT

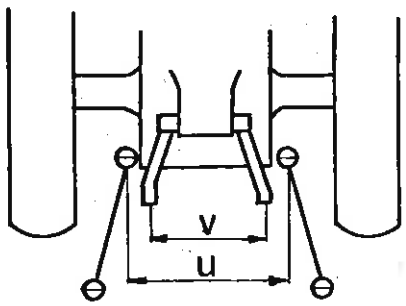
- Make: SAME TRATTORI S.P.A.;
- Type: LOAD SENSING open centre system;
- Type and number of cylinders: 2 external hydraulic jack at simple effect;
- Type of linkage lock for transport: mechanical, acting on the control lever in the cab;
- Exercise valve pressure: 150 bar;
- Opening pressure anti-shock valve: 180 bar;
- Lift pump type: hydraulic rotary pump,driven from engine shaft;
- Transmission between pump and engine: dir.driven by engine
- Type and number of filters: 1, replaceable paper cartridge;
- Changing: when the filter clogging warning lamp is lighted;

- Oil capacity:45 l in common with gear box;
- Position and No.of additional oil plugs: 3 ways distributor at rear of tractor;
- Maximum volume of oil available to external cylinders: 15 l;
- Recommended oil (see pag.15)

Three-point linkage

- Category: 2 in conformity with ISO 730/I;


c
lift rod
top link
lift arms
lower links
A
S
a
b
d
H
f
o
D
B
rear wheel
axis
e
h
ground
rear wheel axis


v
u

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO

Specify the settings for the lifting test

Rear tyres (size 16.9/30) radius index	(r)	695 mm
Front tyre (size 12.4/30) radius index	(r')	540 mm
Length of lift arms	(A)	310 mm
Length of lower links	(B)	725 mm
Distance of lift arm :horizontally	(a)	122 mm
pivot point from rear :vertically	(b	337 mm
wheel centre line		
Horizontally distance between the 2 lower link points	(u)	480 mm
Horizontally distance between the 2 lift arm end points	(v)	490 mm
Length of upper link	(S)	from 580 to 700 mm
Distance of upper link horizontally	(c)	320 mm
pivot point from rear vertically	(d)	220 mm
wheel centre line		
Distance of lower link horizontally	(e)	215 mm
pivot point from rear vertically	(f)	190 mm
wheel centre		
Distance of lower link pivot points to lift rod pivot points on lower link	(D)	363 mm
Length of lift rods	(L)	from 640 to 740 mm
Height of lower hitch points:		
- in Low position	(h)	495 mm
- in High position relative to the rear wheel centre line, situated 710 mm above the ground level	(H)	145 mm
Height of lower hitch points when locked in transport position	(H')	145 mm

SWINGING DRAWBAR

- Type: same 97320;
- Height above ground (tyre size:16.9/30) max 450 mm
  min 375 mm
- Type of adjustment: reversible;
- Distance of hitch point from rear axle axis, horizontally: 815 mm;
- Distance of hitch point fron power take-off shaft end
  . vertically: 283 - 358 mm below;
  . horizontally: 485 mm forward;
- Later adjustement (centre of clevis):
  (right hand) 270 mm;
  (left hand) 270 mm;
- Distance of pivot point from rear axle axis, horizontally: 485 mm forward;
- Diameter drawbar pin hole: 33 mm;

TRAILER HITCH

- Type: SAME;
- Height above ground: 470 - 600 - 730 mm;
- Distance of hitch point from rear axle axis, horizontally: 530 mm;
- Distance of hitch point from power take-off shaft end:
  . vertixcally: behind 240 - 110 mm; above 20 mm;
  . horizontally: 150 mm;
- Maximun vertical permissible load: 1470 dN;

HOLED DRAWBAR

- Number of holes: 7;
- Distance between holes: 100 mm;
- Hole diameter: 28.5 mm;
- Thickeness/width of the drawbar: 30 - 80 mm;
- Height above ground , minimum 220 mm;
  maximum 910 mm;
- Horizontal distance to power take-off shaft end (rear) 560 mm;

STEERING

- Specifications: hydrostatic steering whit BOSCH hydraulic gear pump HY/ZFS 11/8 L 208.
  Two rams at simple effect acting directly on front axle.

- Make: ZAHNRADFABRIK FRIEDRYCHSHAFEN AG;
- Model: 8420;
- Type: SERVOSTAT;
- Working pressure: 120 bar;
- Oil capacity: 45 l in common with gear box;
- Oil change period: 1200 hrs;
- Filter change period: when the filter clogging warning lamp is lighted;
- Recommended oil (see pag.14)

BRAKE

Service brake

- Make: SAME TRATTORI S.P.A.;
- Model: 255.54;
- Type: oil bath disc, total 4 discs, mounted before front and rear differential half schafts.Front disc dia=224 mm ; rear disc dia=290 mm. FRENDO HDT 303 lining material;
- Method of operation: hydaulically acting with 2 pedals

Parking brake

- Type: fully indipendent by service brake, 2 oil bath discs mounted on the pinion shaft in the gear box ISOBOND SINTERIX lining material;
- Method of operation: mechanically by hand lever

Steering brake : divided pedal of service brake for normal use locked together;

STEERING WHEELS

- Number: 2;
- Location: at front;
- Tyres: radial;
  . Size: 12.4/14*30;
  . Ply rating: 6;
  . Maximum permissible load on each tyre: 11.768 KN;
  . Corresponding inflation pressure: 1.7 bar;
- Track widths: 1500 - 1600 - 1700 - 1800 - 1900 - 2000 mm;
- Regulation: changing the position of the rims in respect of the disc;

* equal multipiyng sign.

DRIVING WHEELS

- Number: 4;
- Location: 2 at front and 2 at rear;
- Tyres:
  . Size: 16.9/14*30;
  . Ply rating: 6
  . Type of casing: radial;
  . Maximum permissible load on each tyre: 18.633 KN;
  . Corresponding inflation pressure: 1.3 bar;
- Track widths: 1500 - 1600 - 1700 - 1800 - 1900 - 2000 mm;
- Regulation: changing the position of the rims in respect of the disc;

WHEELBASE: 2280 mm;

PROTECTIVE STRUCTURE

Specifications

- OECD approval number: CDS 0734;
- Trade name: SAME C 25;
- Manifacturer's name: SAME TRATTORI S.P.A.;
- Protective device: cab;

Materials used in the constuction and dimensions

See OECD Test Report on Protective Stuctures.

DRIVER'S SEAT

- Make: BOSTROM;
- Type of suspension: 84422 upholstered seat with back rest;
- Type of damping: shock absorber;
- Range of adjustment, longitudinal 150 mm;
  vertical 60 mm;

SAME EXPLORER 65 VDT TEST N.019

LIGHTING

Lighting system in accordance with CEE 78/933

	Height above ground of centre with tyre mm (1)	Size mm	Distance from out side edge of trac tor to centre at 1500 mm track width mm
Headligths	960	110*110	820
Front park.lights	1770	110*35	125
Front finger post	1810	110*35	125
Rear park.lights	1580	180*40	240
Rear finger post	1620	90*40	200
Stop	1620	90*40	290
Reflectors	1400	90*50	250

(1) tyre size 12.4 at front, 16.9/30 at rear

TEST CONDITIONS

- Overall dimensions with tyres:
- Front 12.4/24 - Rear 16.9/30

	Width (mm)		Height (mm) at top of	
Length (mm)	min	max	exaust silencer	protective structure
3390	1970	2570	2570	2540

Ground clearance

-Clearance-limiting part: 410 mm

Track setting

- Front: 1500 mm;
- Rear: 1500 mm;

Tractor mass (without driver but with thanks full with cab)

Units	Front	Rear	Total
kg	1250	1720	2970

Fuel and lubrificants used in tests

Fuel
Type: AGIP diesel, DIN 51601 (in acc.with the nat.standard)
Density at 15.C 0.835 Kg/l;

Oils Recommended and used in tests

Engine oil
- Type: AGIP DIESEL SIGMA S SAE 30;
- Viscosity: 12.5 cSt;

Transmission oils and rear axle oil
- Type: AGIP ROTRA THT;
- Viscosity: 11.5 cSt;
- Viscosity index: 95;

Power lift oil
- Type: AGIP ROTRA THT;
- Viscosity: 11.5 cSt;
- Viscosity index: 95;

Steering oil
- Type: AGIP ROTRA THT;
- Viscosity:11.5 cSt;

Recommended grease: AGIP GREASE 30;
- Number of lubrification points: 11;

II - TEST RESULTS

A. COMPULSORY TESTS RESULTS

1) MAIN POWER TAKE-OFF PERFORMANCE

- Date and location of test: 7 th MAY 1985 - I.S.M.A. TREVIGLIO (BG) ITALY
- Type of dynamometer: ZOELLNER B 500

Power	Speed		Fuel consumption			Specific
	Engine	P.T.O.	Hourly		Specific	Energy
KW	rev/min	rev/min	l/h	Kg/h	g/kWh	KW l/h
MAXIMUM POWER - 2 - HOUR TEST						
43.98	2343	607.5	12.46	10.41	236.7	3.53
POWER AT RATED ENGINE SPEED						
44.13	2350	609	12.62	10.54	235.3	3.49
STANDARD POWER TAKE-OFF SPEED (540+/-10 REV/MIN)						
41.54	2094	543	11.73	9.8	235	3.54

PART LOADS

i) torque corresponding to maximum power at rated engine speed						
44.13	2350	609	12.62	10.54	235.3	3.49
ii) 85% of torque obtained in i)						
38.60	2410	625	11.55	9.65	245	3.34
iii) 75% of torque definited in ii)						
29.12	2429	630	9.26	7.73	265	3.14
iv) 50% of torque defined in ii)						
19.48	2437	632	7.34	6.13	314	2.65
v) 25% of torque defined in ii)						
10	2499	648	5.72	4.78	477	1.75
vi) unloaded						
0	2568	666	3.77	3.15	-	-

SAME EXPLORER 65 VDT TEST N.019

PART LOADS AT STANDARD POWER TAKE-OFF SPEED

Power	Speed		Fuel consumption			Specific
	Engine	P.T.O.	Hourly		Specific	Energy
kW	rev/min	rev/min	l/h	kg/h	g/kWh	kW h/l
i) The torque corresponding to maximum power available						
41.54	2094	543	11.73	9.80	235	3.54
ii) 85% of torque obtained at maximum power						
36.17	2150	557	10.42	8.70	239	3.47
iii) 75% of torque defined in ii)						
27.42	**2175**	**563**	**8.39**	**7.01**	**256**	3.27
iv) 50% of torque defined in ii)						
18.45	2200	570	6.67	5.57	302	2.76
v) 25% of torque defined in ii)						
9.92	2250	583	5.55	4.84	467	1.78
vi) unload						
-	2290	593	3.67	3.07	-	-

STANDARD SPECIFIC FUEL CONSUMPTION: 245/314/239/302 g/kWh

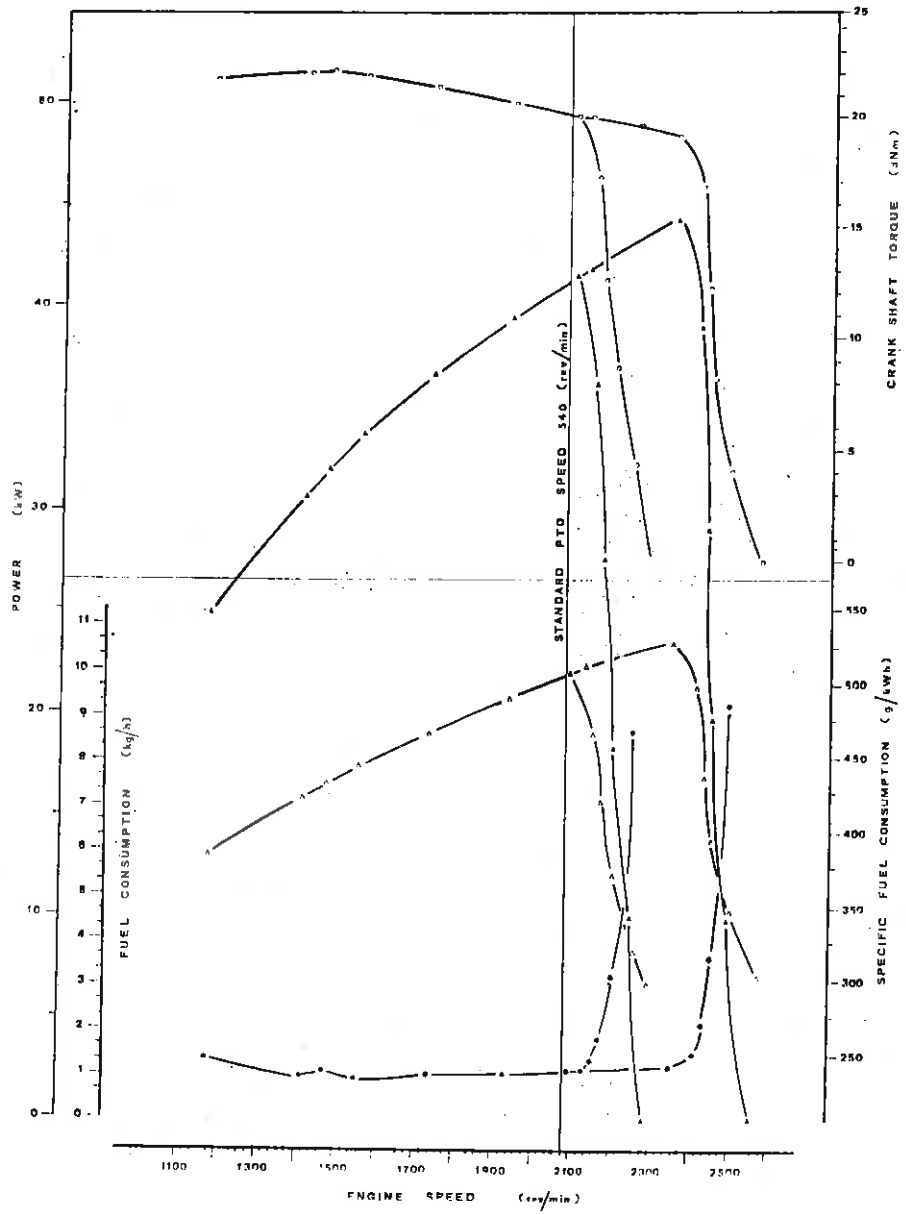
- No load maximum engine speed: 2568 rev/min
- Torque (1) at maximum power: 180 N.m
- Maximum torque (1) (engine speed: 1465 rev/min):208.4 N.m
- Mean atmospheric conditions : Temperature 21.8 C
  Pressure 975 mmbar
  Relat.humidity 80 %
- Maximum temperatures : Coolant 101 C
  Engine oil 128 C
  Fuel 33 C
  Engine air intake 37 C

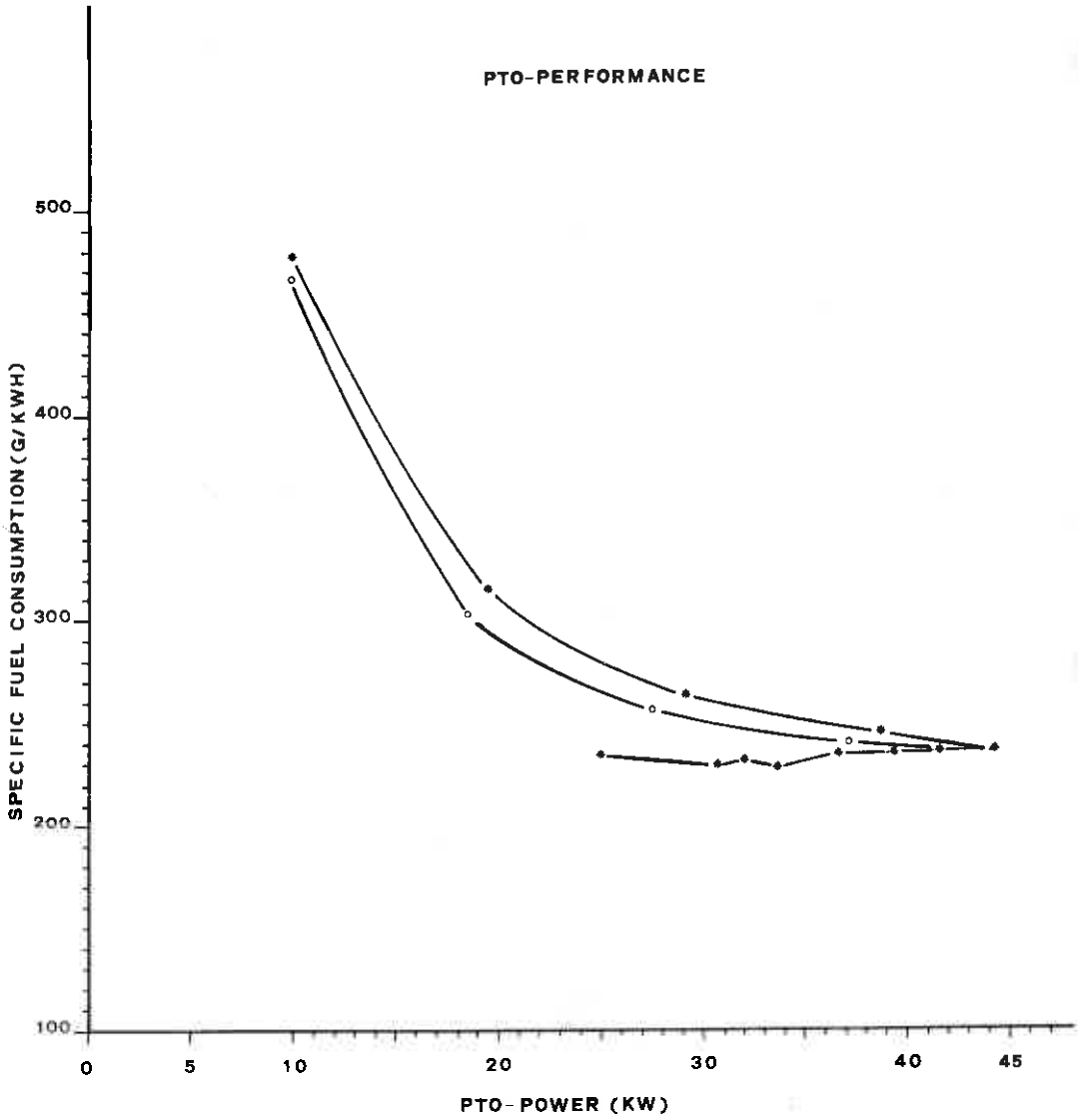
(1) The torque is the equivalent crankshaft torque.

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO

SAME EXPLORER 65 VDT TEST N.019

PTO PERFORMANCE




PTO-PERFORMANCE
SPECIFIC FUEL CONSUMPTION(G/KWH)
500
400
300
200
100
0
5
10
20
30
40
45
PTO-POWER (KW)

SAME EXPLORER 65 VDT TEST N.019

(2) POWER LIFT AND HYDRAULIC POWER TEST
- Date and location of tests: 10th may 1985 - ISMA Treviglio (BG)

		at hitch point	on the frame
Height of lower hitch point above ground in down position	mm	200	200
Vertical movement	mm	640	700
Maximum corrected force exerted through full range	dN	2241	2160
Corresponding pressure of hydraulic fluid	bar	166	166
Moment about rear axle	dNm	--	3348
Maximum tilt angle of mast over range of lift	Degrees	--	5.6

Lifting heights relative to the horizontal lower links

mm	-330	-300	-200	-100	0	100	200	300	310	370

Lifting forces at hitch points

dN	2241	2241	2313	2394	2556	2682	2808	2610	2340	

Lifting forces at test frame

dN	2169	2169	2178	2187	2205	2250	2259	2259	2277	2160

HYDRAULIC POWER TEST
Opening pressure of relief valve in remote circuit: 161 bar;
Sustained pressure with relief valve open: 179 bar;

Pump delivery rate at min pressure end max engine speed:36.5 l/min;

Hidraulic power	kW	flow rate l/min	pressure bar	oil temp. .C
At 90% of the actual reliev valve setting	9.4	34.6	161	65
Maximum	9.44	34.0	167	65

Tapping point used for test : at rear of tractor
Hydraulic fluid: see pag. 15

(3) - MAXIMUM POWER TRANSMISSION AND FUEL CONSUMPTION AT THE DRAWBAR (UNBALLASTED TRACTOR)

- Date of tests: 15/05/1985
- Type of track: concrete
- Type and size of tyres front: 12.4/24
  rear : 16.9/30

Height drawbar above ground : 620 mm
Tyre inflation pressure : front 1.3 bar
rear 1.3 bar

Gear	Power	Drawbar pull	Speed	Engine speed	Slip of wheel	Specific energy	Specific consumt.	Temperatures fuel	coolant	engine	Atm. conditions temp.	rel.humid.	pres.
n.	kW	dN	km/h	rev/min	%	kWh/l	g/kWh	C	C	C	C	%	mmbar
1) MAXIMUM DRAWBAR IN TESTED GEARS													
S3	13.9	2452	2.05	2442	15.0	1.76	473.3	19	45	70	15	80	991
S4	18.5	2471	2.70	2430	13.7	1.91	436.2	20	49	74	16	80	991
N1	24.1	2354	3.70	2418	11.5	2.31	361.4	20	49	74	16	78	991
N2	31.2	2334	4.82	2390	11.5	2.47	339.4	21	50	82	17	78	991
N3	36.9	1981	6.70	2371	8.33	2.92	287.2	21	51	82	18	76	991
N4	37.1	1471	9.08	2342	6.38	2.99	280.3	21	55	87	18	76	991
F1	38.4	1177	11.75	2328	3.29	3.17	265.6	22	53	81	18	75	990
F2	38.3	863	16.0	)49	2.22	3.11	268.9	23	54	76	19	75	990

Gear	Power	Drawbar pull	Speed	Engine speed	Slip of wheel	Specific energy	Specific consumt.	Temperatures fuel	coolant	engine	Atm. conditions temp.	rel.humid.	pres.
n.	kW	dN	km/h	rev/min	%	kWh/l	g/kWh	C	C	C	C	%	mmbar
TRANSMISSION AND FUEL CONSUMPTIOM CHARACTERISTICS													
i) - Selected gear													
F1	38.4	1177	11.75	2328	3.70	3.17	265.6	22	53	81	18	75	990
ii) - 75% Of pull at maximum power													
F1	29.7	883	12.1	2406	3.20	2.54	329.2	23	52	76	20	65	990
iii) - 50% of pull at maximum power													
F1	20.4	588	12.5	2426	2.22	2.35	354.9	23	52	74	20	65	990
iv) - Highest gear same pull is in ii) ,reduced engine speed													
F2	29.4	883	12.0	1797	1.62	2.79	302.7	23	54	87	21	60	990
v) - Highest gear same pull as in iii), reduced engine speed													
F2	20.4	588	12.5	1845	1.12	2.56	326.5	23	56	78	23	55	990

S = slow N = normal F = fast

ISTITUTO SPERIMENTALE PER
LA MECCANIZZAZIONE AGRICOLA
SEZIONE DI TREVIGLIO

SAME EXPLORER 65 VDT TEST N. 019 23

REMARKS: no remarks

TEST ENGINEER
(ing.Giovanni SANTORO)

THE DIRECTOR OF TESTING STATION
(prof.Giuseppe COLZANI)

HEAD OF ISMA - ROMA
(prof.Alfio CAMMILLI)