O.E.C.D. Report No.: 472

BUNDESVERSUCHS - UND PRÜFUNGSANSTALT
für landwirtschaftliche Maschinen und Geräte,
Wieselburg

Steyr - Diesel - Tractor 1200

Manufactured by: Steyr - Daimler - Puch AG., A-4400 Steyr and
Steyr - Daimler - Puch ABE, Sindos / Hellas



Serial No: 472
Date of approval: 16th April 1975

Test No: 160/74
Date of Test: 5.12.1974

This report has been approved by the O.E.C.D. Coordinating Centre (C.N.E.E.M.A., France) as being in accordance with the O.E.C.D. Test Code

This bulletin is based on engineering test in accordance with the O.E.C.D. STANDARD CODE for the Official Testing of safety-cabs or -frames on agricultural tractors (1974)

TABLE OF CONTENTS

	Page
Specification of tractor	2
Fuel and lubricants used in tests	7
COMPULSORY TESTS	
Main power take-off performance	8
Drawbar performance	11
Turning space and turning circle	17
Location of centre of gravity	17
Braking performance	17
Ambient noise, emitted by the tractor	18
Noise at the driver's ear level	18
Power lift and hydraulic pump performance	19
OPTIONAL TESTS	
Engine performance	23

Tractor manufacturer:	STEYR-DAIMLER-PUCH AG., Steyr and STEYR-DAIMLER-PUCH AHE., Sindos/Hellas
Submitted for test by:	Manufacturer
Selected by:	Manufacturer by agreement with BVPA Wieselburg
Place of running-in:	Steyr
Duration of running-in:	50 hours

SPECIFICATION OF TRACTOR

Tractor:

Make:	STEYR-DAIMLER-PUCH AG.
Model:	Diesel-tractor STEYR 1200
Type:	Four wheel, rear driven, unit construction
Serial No.:	397.11-1286/04

Engine:

Make:	STEYR-DAIMLER-PUCH AG.
Model:	WD 610.43
Type:	4-stroke, direct injection, water cooled
Serial No.:	610.43-1292/10
Cylinders:	6, vertical in-line bore/stroke 105/115 mm capacity: 5976 cm^3 compression ratio: 17 : 1
Cylinder liners:	Cast-in cylinders, no liners
Valves:	overhead
Fuel system:	Type of fuel feed: vane pump BOSCH dual filter with water trap 50 13400 fuel pre-cleaner FFJ 1/1Z 1457 434000 capacity of fuel tank: appr. 118 l BOSCH distributor injection pump EP/VA 6/100 H1200 CR 178 manufacturer's production setting: 55-2 (57-2) mm^3/stroke for fuel density of 0,855 (0,825) kg/l at rated engine speed BOSCH multi hole injection nozzles DLLA 150 S 427 injection pressure: 220 + 5 kp/cm^2 injection timing: $19^o \pm 1^o$ before TDC at 1 mm pump stroke
Governor:	BOSCH hydraulically acting variable speed governor, incorporated in injection pump range of speed: 500 to 2600 rev/min rated speed: 2400 rev/min

Air cleaner:	Mainfilter: IFE-Filterbau (Mann) oil bath air cleaner 800-8000 B; oil capacity: 1,8 l pre-cleaner: IFE-Filterbau (Mann) with dust-collection, 822-8000 B
Lubrication system:	Forced lubrication with gear pump strainer in sump paper filter in full flow oil capacity: appr. 14 l changing period: 200 hours
Cooling system:	Forced water cooling with overpressure relief valve impeller assisted with 510 mm dia, belt driven 6-blade fan cooling water capacity: 22 l thermostat, radiator shutter for extrem low temperature max. overpressure: 0,4 kp/cm^2
Starting system:	BOSCH screw-push starter motor JD (R), 12 V, 4 PS (2,9 KW) glow plug in intake pipe (cold starting aid)
Electrical system:	Voltage: 12 Volt negative earth Generator: BOSCH direct-current generator G (R) 14 V, 16 A 21 Batteries: BÄREN, 2 lead acid batteries in parallel connection 98 Ah each at 20 hours rating

Transmission:

Clutches:	FICHTEL & SACHS AG., Schweinfurt, BRD Main clutch: single plate dry clutch G 350, 350 mm dia; pedal operated P.t.o. clutch: dry multi disc clutch, 350 mm dia; hand lever operated
Gearbox:	ZF-Zahnradfabrik Passau Constant mesh gear with 6 forward speeds; group gear with 2 forward groups and 1 reverse group T-338 (T 3405) total 12 forward and 6 reverse speeds
Rear axle and final drive:	ZF-Zahnradfabrik Passau, BRD Central axle, bevel gear with hypoid-tooth system acting by planetary gear on rear wheels differential look: lockable bevel differential gear in the rear axle pedal operated
Oil capacity:	Gearbox and rear axle: appr. 36 l final drive (planetary gear): appr. 8 l for each half-axle change period: 1200 hours

Gear No.	Number of engine revolutions for one revolution of driving wheel	*Nominal travelling speed for rated speed of engine
forward		
1.Z.**	289,67	2,59 km/h
2.Z.	184,88	4,05 km/h
3.Z.	119,17	6,29 km/h
4.Z.	77,31	9,70 km/h
5.Z.	48,47	15,48 km/h
6.Z.	37,14	20,20 km/h
1.N.***	224,82	3,35 km/h
2.N.	143,48	5,23 km/h
3.N.	92,74	8,09 km/h
4.N.	60,00	12,50 km/h
5.N.	37,63	19,94 km/h
6.N.	28,83	26,03 km/h
reverse		
1.R.	210,81	3,56 km/h
2.R.	134,50	5,58 km/h
3.R.	86,72	8,65 km/h
4.R.	56,24	13,34 km/h
5.R.	35,27	21,27 km/h
6.R.	27,02	27,77 km/h

*Calculated with tyre rolling radius of 830 mm
**Intermediate group
***Normal group

Power take-off: Independent p.t.o.
at rear of tractor, in median plane
dry multi disc clutch, hand lever operated
6 splindes shaft 28,14 x 34,87 x 8,63 mm = $1^3/8"$
ISO R 500
689 mm above ground
p.t.o. speed: 1067 rev/min at 2400 rev/min engine speed
engine speed: 2249 rev/min at standard p.t.o.speed of 1000 rev/min

direction of rotation: clockwise viewed facing driving end

Power lift: STEYR-DAIMLER-PUCH AG.
STEYR-REGELHYDRAULIK: two stage pull adjustment governed by lower links, position control, floating position
STEYR-SIMPLEMATIK: three point linkage, cat.II
BOSCH hydraulic pump: directly driven by engine, gear type
BOSCH control unit
hydraulic oil: SAE 20 W; oil capacity: 16 l;
working cylinder: one single acting ram cylinder;
external tappings up to 4: single acting ram cylinder (totally 5 l oil capacity) with BOSCH supplementary control units possible;
linkage lock for transport: mechanically

Holed drawbar:
Fitted on the clevis of three point linkage lower links (DIN 9674)
height above ground: 320 mm to 1000 mm
method of changing by power lift
distance from rear axle: 1060 mm
position relative to p.t.o.: 733 mm
additional vertical adjustment by means of lift rods:
right lower link.... 80 mm upward, 160 mm downward
left lower link .... 0 mm upward, 160 mm downward
pivot position:
265 mm under) the rear wheel centre
130 mm behind)

Trailer hitch:
Height above ground: 943,913, 521,491 mm
distance from rear axle: 517,517, 508,508 mm
position relative to p.t.o.: 190,190, 181,181 mm

Towing hitch:
Height above ground: 610 mm
distance from front axle: 550 mm

Steering:
ZF-Friedrichshafen, BRD
hydrostatic steering 740 990 0162,
operated by steering wheel; acting on front wheels

Brakes:
ZF-Friedrichshafen, BRD
There is only one set of inner brakes for foot- and parking brake
Foot brake: hydraulically acting on rear wheels, operated by pedal, divided pedal for steering brake;
parking brake: mechanically acting on rear wheels, operated by hand lever with ratchet

Wheels:

Steering wheels:
Two multirib pneumatics at front
MICHELIN 11,00-16 AT; 8 ply
max. permissible weight on each tyre:
1320 kg at 2,5 kp/cm^2 pressure
2640 kg at 3,75 kp/cm^2 pressure, speed limit: 6 km/h
track width: 1684 mm
no track changing

Driving wheels:
Two traction pneumatics at rear
MICHELIN BIBAGRIP 18,4-38; 8 ply
rim: W 15 x 38
max. permissible weight on each tyre:
2715 kg at 1,4 kp/cm^2 pressure
3258 kg at 1,4 kp/cm^2 pressure, speed limit: 20 km/h
track width: 1684 mm and 1860 mm changeable by reversing wheels

Wheel base:
2534 mm

Lighting:

Unrestricted beam angle of headlight in plan view 5° 16'

	Height above ground of centre cm	Diameter cm	Distance from outside edge of tractor to centre cm
Head lights	90	14 x 7	93,9
Side lights	160,8	3,5 x 8	13,85
Rear lights	162,8	3,5 x 8	13,85
Reflectors	155,8	6 x 3,5	13,9

Number of grease points: (whole tractor) 19

CONDITIONS DURING TEST

Weights:

Tractor without driver but with tanks full)

	Front kg	Rear kg	Total kg
Without ballast	1358	2678	4036
With ballast	2224	4188	6412

Ballast:

	Number of weights	Total weights (excluding water) kg	Water kg
Front	15	677	-
Rear	10	482	938
Additional	6 (rear)	279	Typ: disc

Track setting:

During test: 1616 mm in front, 1684 mm at rear

Overall dimensions:

	Lenght m	Width m		Heights m	
		max.	min.	with exhaust	without exhaust
With ballast	4,634	2,330	2,164	2,340	2,056
Without ballast	4,190	2,330	2,154	2,340	2,056

2,525 m to top of safety frame

Seat:

Make:	Ing. O. Klepp, Wien; ELASTOMAT 600
Type of suspension:	Parallelogram seat helical coil compression springs
Typ of damping:	Hydraulically
Range of adjustment:	Horizontal 100 mm vertical 100 mm

Fuels and lubricants used in tests:

Laboratory and track tests:

Compulsory tests:

Fuel:	ELAN Diesel fuel specific gravity at 15°C: 0,827 kg/l viscosity at 50°C: 4 cst cetane no.: 45 conforms to DIN 51601
	Optional tests:
	specific gravity at 15°C: 0,855 kg/l viscosity at 50°C: 6 cst
Engine oil:	MOBILOIL SPECIAL 10 W/30 viscosity at 50°C: 43 cst
Transmission oil:	MOBILUBE HD 90 viscosity at 50°C: 107 cst
Hydraulic oil:	SHELL TELLUS OIL 33 viscosity at 50°C: 40 cst

COMPULSORY TESTS

1. **Main power take-off performance**

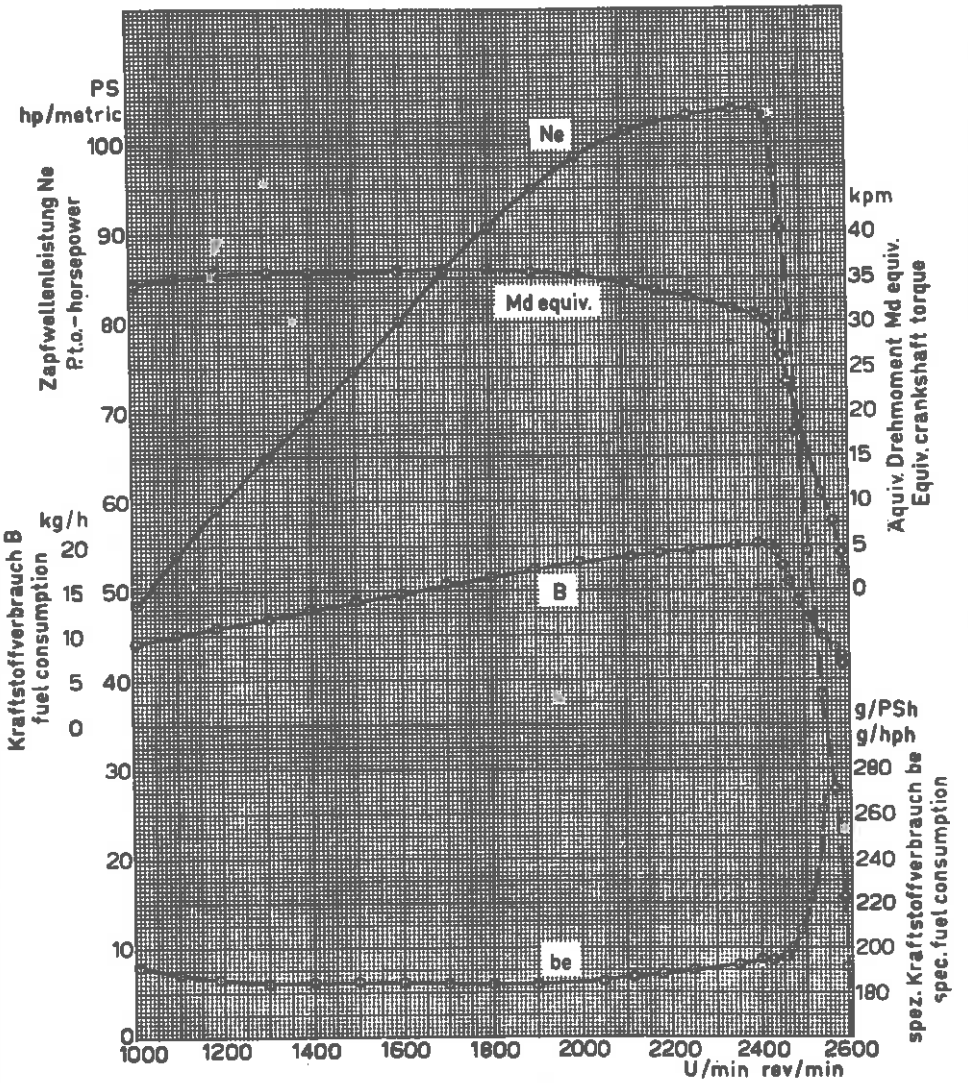
Date and location of tests: 1974 05 08
Type of dynamometer: SCHENCK eddy current brake W 780/LWK 0014

Horsepower metric hp	Speed		Fuel consumption		
	engine rev/min	p.t.o. rev/min	l/h	specific g/metric hph	metric hph/l
Maximum power 2 hours test					
104,00	2400	1067	24,49	195	4,246
Standard p.t.o. speed (1000 rev/min)					
103,20	2249	1000	23,70	190	4,354
The speed recommended by the manufacturer for drawbar work					
104,00	2400	1067	24,49	195	4,246
Part loads					
(i) 85 % of torque at part loads					
90,60	2455	1091	21,46	196	4,221
(ii) unloaded					
0	2610	1160	7,43	-	-
(iii) 50 % of the load defined in (i)					
54,40	2510	1115	14,67	223	3,708
(iv) maximum power					
104,00	2400	1067	24,49	195	4,246
(v) 25 % of the load defined in (i)					
27,80	2570	1142	10,70	318	2,598
(vi) 75 % of the load defined in (i)					
80,40	2470	1098	19,45	200	4,133

No load maximum engine speed: 2610/rev/min
Torque* at maximum power: 31,03 kpm
Maximum torque*: 36,14 kpm at 1698 rev/min
Mean atmospheric conditions: **temperature:** 20°C
pressure: 740 mm Hg = 986 mb
relative humidity: 54 %
Maximum temperature **coolant:** 80°C
engine oil: 108°C
fuel: 65°C
engine air intake: 22°C

* The torque is the equivalent crankshaft torque.

Bundesversuchs- u. Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria Protokoll Nr.	**Zapfwellenprüfung P.t.o.-test**	Steyr-Dieseltraktor Typ 1200 Mot. Typ STEYR WD610.43

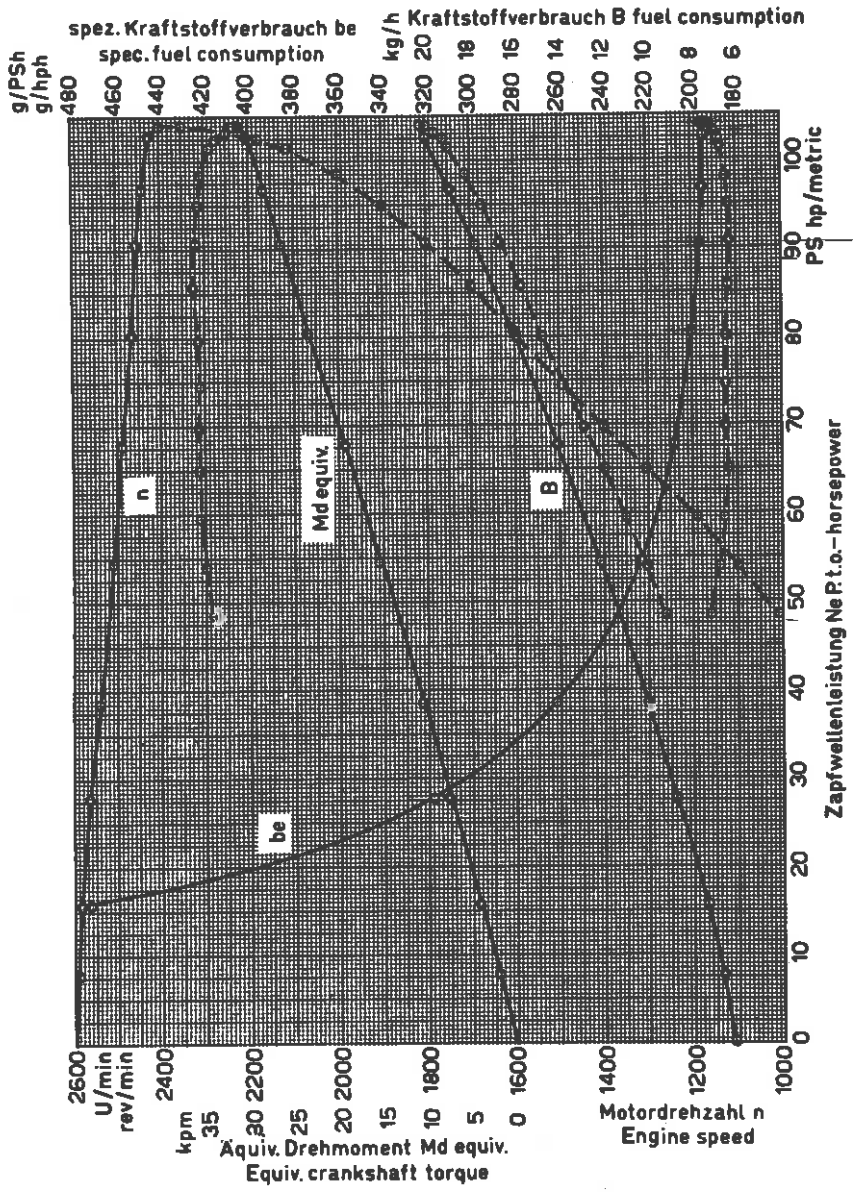


Motor Nr. 1292/10	Luftdruck: 986 mb	Kühltemp. 80°C	Versuchstag: 1974 05	Vers. Leitung
Fahrzeug Nr. 397.11-1286/04	Lufttemperatur: 20°C	Öltemperatur: 108°C	Versuchs Nr. 99/Za 91	A. Reittner
Kraftstoff: 0,827/15°C	Motoröl: Mobil special	Kraftstofftemp. 65°C	K.Blatt Nr. 1	

Bundesversuchs-u.Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria
Protokoll Nr.

Zapfwellenprüfung
P.t.o.-test

Steyr-Dieseltraktor
Typ 1200
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Kraftstoff: 0,827/15°C	Motoröl: Mobil special	Kraftstofftemp. 65°C	K. Blatt Nr. 2	

2. Drawbar performance

Date of tests: 1974 07 02 - 1974 07 17
Type of track: concrete
Height of drawbar above ground: 870 mm with ballast, 780 mm without ballast

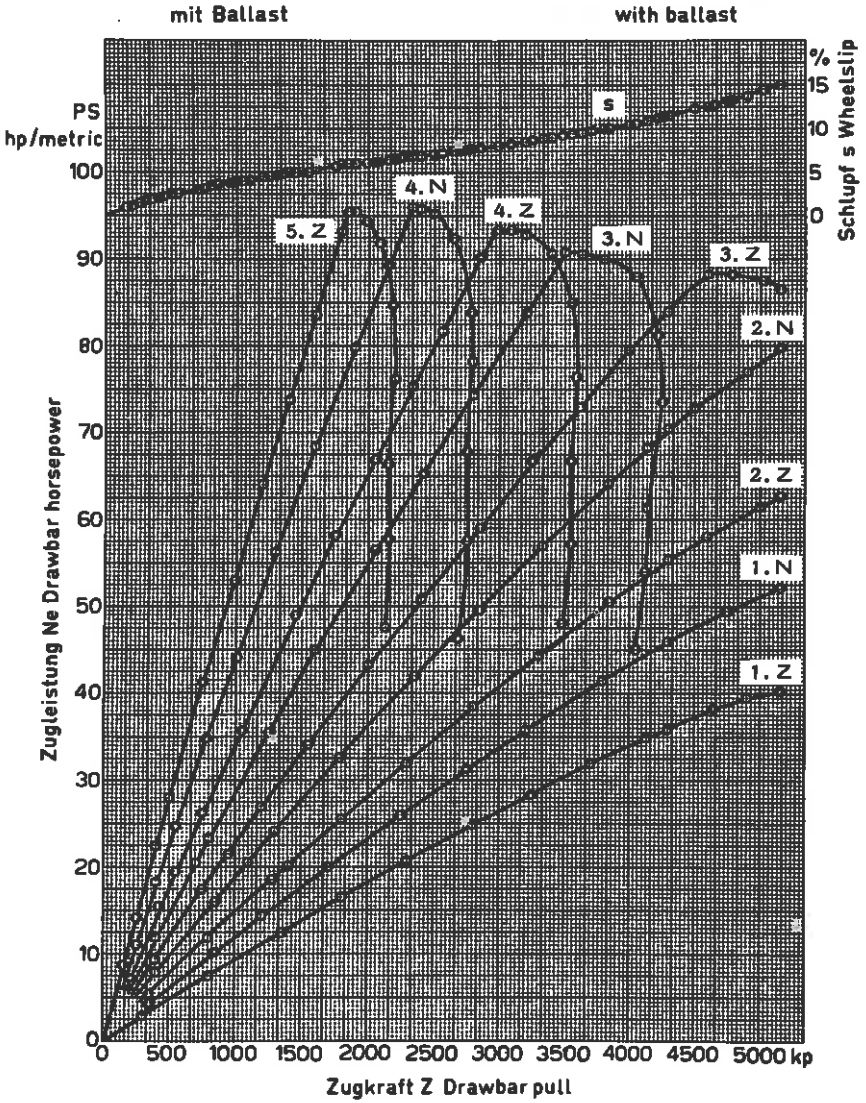
Gear No.	Speed km/h	Horse-power metric hp	Drawbar-pull kp	Engine-speed rev/min	Slip of wheels %	Spec. fuel consumption g/metric drawbar hph	Spec. fuel consumption metric drawbar hph/l	Temperature °C Fuel	Temperature °C Coolant	Temperature °C Engine oil	Atmospheric conditions Temperature °C	Atmospheric conditions Relative humidity %	Atmospheric conditions Pressure mm Hg
(i) Maximum power (ballasted)													
1.Z.	2,142	40,87	5150	2500	15,0	-	-	67	74	96	24	56	735
1.N.	2,732	52,11	5150	2475	15,1	307	2,693	67	75	94	25	52	735
2.Z.	3,287	62,71	5150	2447	15,0	283	2,921	64	73	92	25	50	736
2.N.	4,186	79,84	5150	2415	15,1	248	3,335	58	73	90	25	51	736
3.Z.	5,179	88,24	4600	2400	12,6	232	3,566	63	79	92	25	57	736
3.N.	6,990	90,61	3500	2400	9,4	224	3,695	64	76	94	28	46	738
4.Z.	8,495	93,45	2970	2400	8,0	216	3,820	62	76	86	25	48	738
4.N.	11,134	96,08	2330	2400	6,7	211	3,920	61	74	94	22	56	738
5.Z.	13,935	95,48	1850	2400	5,8	212	3,899	60	75	92	22	60	738
(ii) Five hour test at 75 % of pull at maximum power													
3.N.	7,236	70,75	2640	2435	7,5	257	3,218	66	80	107	26	49	739
(iii) Five hour test at pull corresponding to 15 % wheelslip in test (i)													
2.N.	4,235	80,78	5150	2420	15,0	245	3,374	65	80	109	24	51	738
(iv) Maximum power (unballasted)													
1.Z.	2,222	28,64	3480	2520	15,0	-	-	60	74	91	25	45	737
1.N.	2,834	36,53	3480	2503	15,1	-	-	62	73	94	25	43	737
2.Z.	3,412	43,98	3480	2480	15,0	-	-	61	73	92	25	45	738
2.N.	4,363	56,24	3480	2450	15,0	-	-	58	73	91	23	50	738
3.Z.	5,179	66,76	3480	2427	15,1	-	-	58	73	90	22	51	738
3.N.	6,697	80,86	3260	2400	13,8	-	-	55	73	86	21	55	739
4.Z.	8,347	83,47	2700	2400	11,0	243	3,403	54	75	87	21	46	741
4.N.	11,034	84,59	2070	2400	8,7	239	3,454	54	76	83	23	46	742
5.Z.	13,846	86,15	1680	2400	7,3	235	3,523	53	73	81	20	48	742
5.N.	18,113	84,52	1260	2400	6,0	240	3,443	55	73	83	23	45	741

K= 0,86

K=995

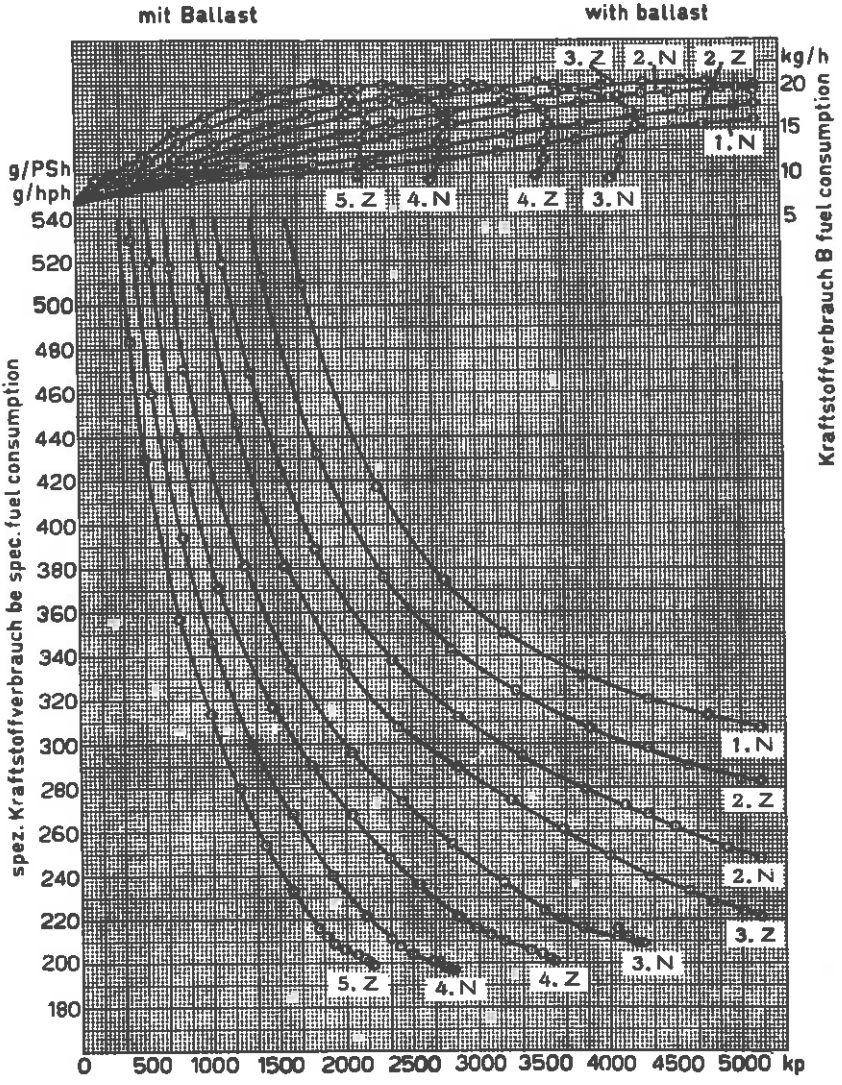
Total oil consumption during ten hours duration of tests (ii) and (iii): 108 g/h

Bundesversuchs-u.Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria Protokoll Nr. 160/74	**Zugprüfung Drawbar-test**	Steyr-Dieseltraktor Typ 1200 Mot. Typ STEYR WD 610.43



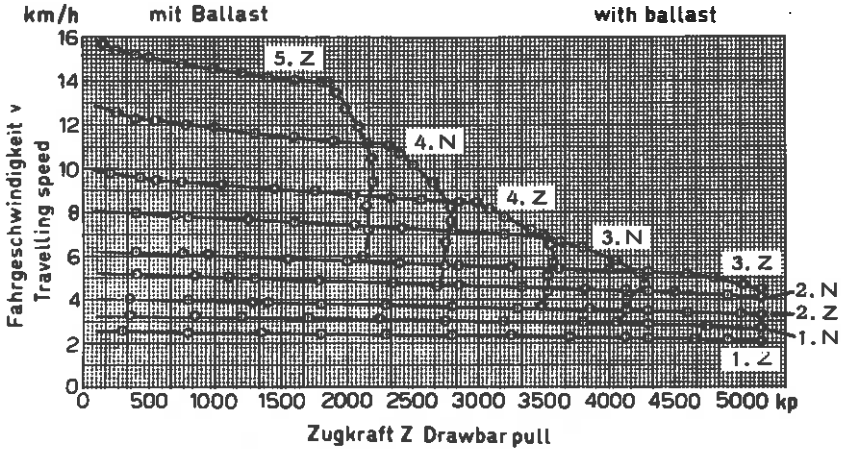
Motor Nr. 1292/10	Luftdruck: 979-983 mb	Kühltemp. 73-79°C	Versuchstag: 7.1974	Vers. Leitung
Fahrzeug Nr. 397.11-1286/04	Lufttemperatur: 22-28°C	Öltemperatur: 86-96°C	Versuchs Nr. 99/Zu 545-553	
Kraftstoff: 0,827/15°C	Motoröl: Mobil special	Kraftstofftemp. 58-67°C	K. Blatt Nr. 3	A. Reitter

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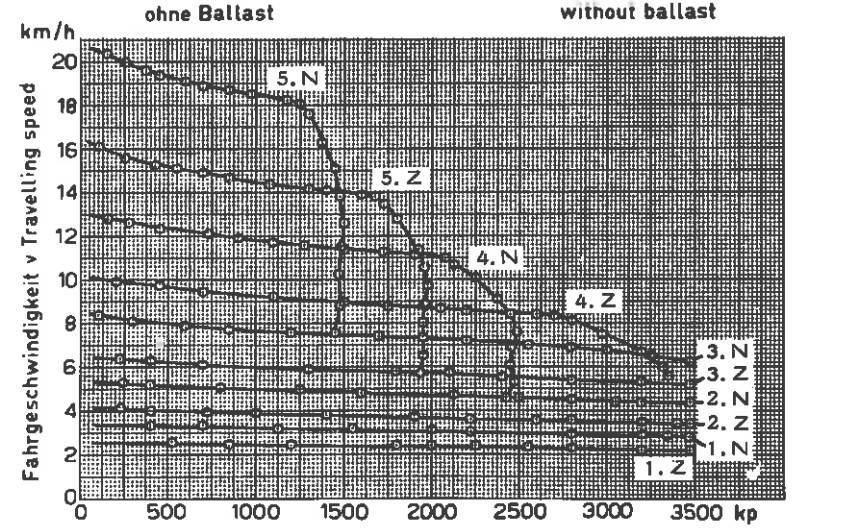


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Kraftstoff: 0,827/15°C	Motoröl: Mobil special	Kraftstofftemp. 58-67°C	K. Blatt Nr. 4	A. Reitlner

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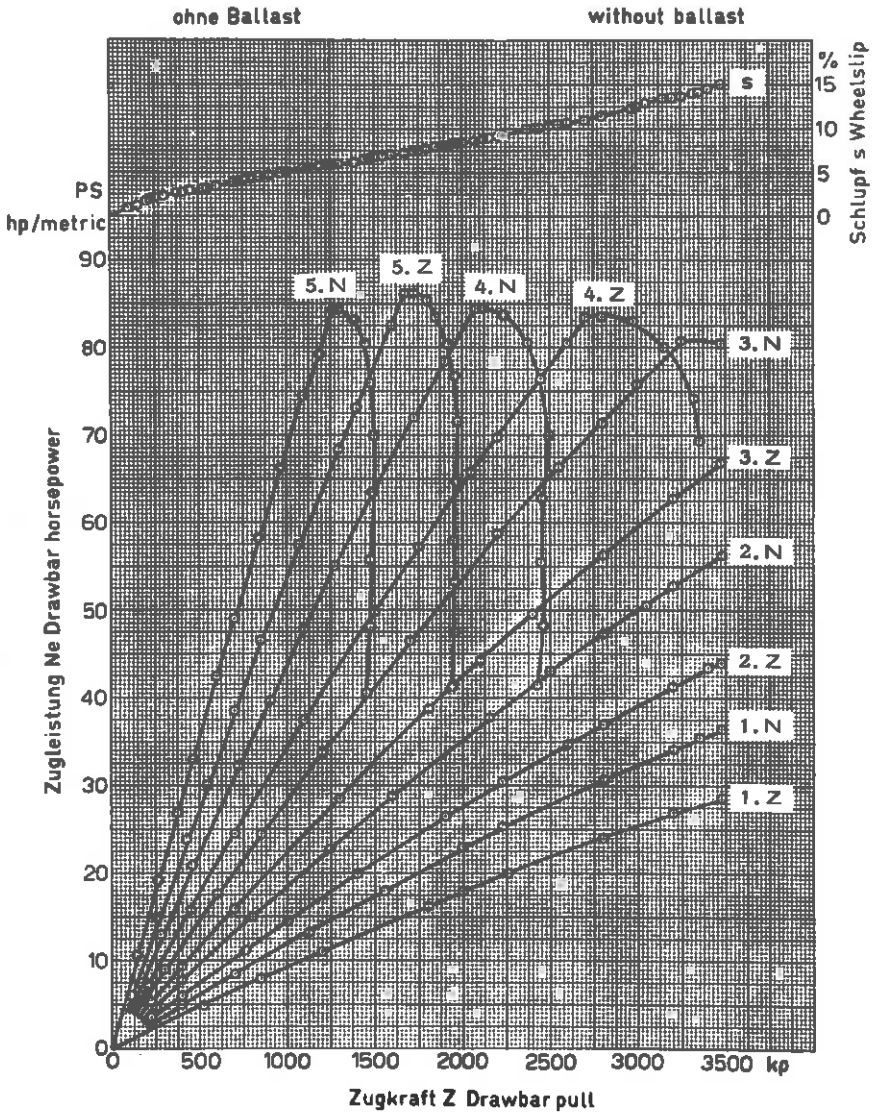


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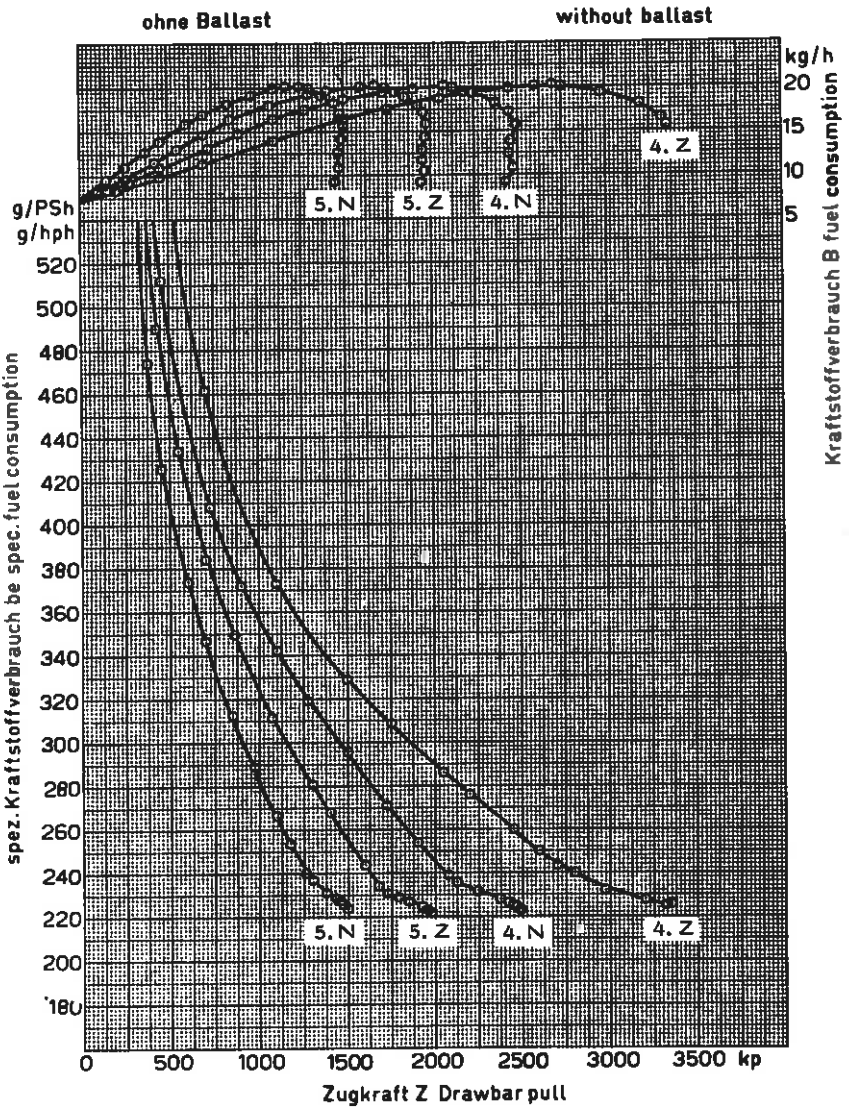
Motor Nr. 1292/10	Luftdruck: 982-989 mb	Kühltemp. 73-76°C	Versuchstag: 7.1974	Vers. Leitung
Fahrzeug Nr. 397.11-1286/04	Lufttemperatur: 20-25°C	Öltemperatur: 81-94°C	Versuchs Nr. 99/Zu 554-563	
Kraftstoff: 0,827/15°C	Motoröl: Mobil special	Kraftstofftemp. 53-62°C	K.Blatt Nr. 6	A. Reitlinger

Bundesversuchs-u.Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria Protokoll Nr. 160/74	**Zugprüfung Drawbar-test**	Steyr-Dieseltraktor Typ 1200 Mot. Typ STEYR WD 610.43



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3. Turning space and turning circle

Wheel equipment front: MICHELIN 11,00-16 AT, 8 ply
rear: MICHELIN BIBAGRIP 18,4-38, 8 ply

Track of wheels front: 1616 mm
rear: 1684 mm

Results	With brakes		Without brakes	
	right-hand	left-hand	right-hand	left-hand
	m	m	m	m
Radius of turning space	4,08	4,115	4,605	4,540
Radius of turning circle	3,865	3,90	4,390	4,325

4. Location of centre of gravity

	mm
Height above ground	949
Distance forward from the vertical plane containing the axis of the rear wheels	839
Distance from the median plane	0

5. Braking

Date of tests: 1974 06 20 - 1974 07 10
Type of track: concrete
Type of decelerometer: Moto-Meter Nr. 03382 (Kombi-Schreiber)
Weight of ballasted tractor: 6412 kg

Cold brakes

		Ballasted	Without ballast
Travelling speed of the tractor	km/h	25	25
(i) Deceleration	m/s^2	4	4
(ii) Stopping distance	m	7,65	7,50
(iii) Force exerted on the brake pedal	kp	16	16
(iv) Force exerted on the brake pedal to achieve a deceleration of 2,5 m/s^2	kp	13	13

Brake fade characteristics (hot tests)

Deceleration hot/deceleration cold x 100 = 100 %
Stopping distance cold/stopping distance hot x 100 = 73 %
Force on pedal, cold/force on pedal, hot x 100 = 80 %

Parking brake

Efficiency of handbrake:
facing up slope: 16 %
facing down slope: 16 %

Pull on handbrake: 9 kp,tractor does not roll

6. Measurement of ambient noise emitted by the tractor

Date of tests: 1974 06 24
Type of sound level meter: 2203 BRÜEL & KJAER/Copenhagen
Type of track: concrete

Results of tests:

Gear: 6.N.
Travelling speed before acceleration: 21 km/h
Sound level: 87 dBA

7. Noise measurement at the driver's ear level

Date of tests: 1974 06 24
Type of sound level meter and octave filter: 2203 and 1613, BRÜEL & KJAER

Type of track: concrete
Type of frequency analyser: 2203 Octavanalysator

Results of tests: (Safety frame OECD-No. OS 304 fitted on tractor

Gear	Travelling speed*	dBA	Sones
* 3.N.	8,09 km/h nominal	101,5	
5.Z.	15,48 km/h nominal	103,0	
6.Z.	20,20 km/h nominal	103,5	

*The 3.N. gear tested corresponds to the travelling speed nearst to 7,25 km/h

8. Power lift and hydraulic pump performance

Date and location of tests: 1974 07 01, Wieselburg, Austria

Hydraulic fluid:
make and typ: SHELL TELLUS OIL 33 SAE 20W

Typ of linkage lock for transport: mechanically by two jaws

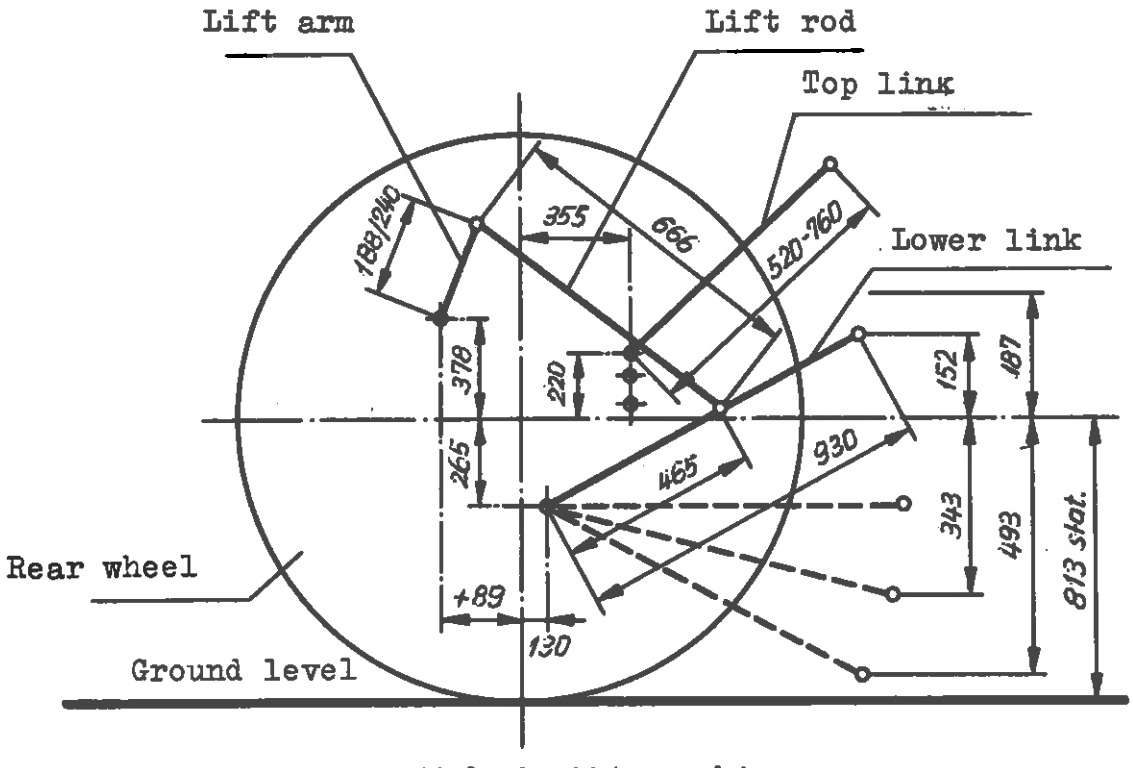
Pump characteristics

(i)	Opening pressure of the relief valve:	178 kp/cm^2
	sustained pressure by the open relief valve:	175 kp/cm^2
(ii)	Pump delivery rate at minimum pressure and rated engine speed:	35,5 l/min
(iii)	Pump delivery rate:	35,5 l/min
	delivery pressure:	175 kp/cm^2
	power:	13,8 hp

Linkage geometry when connected to the standard frame

		Maximum mechanical advantage	Minimum mechanical advantage
Projected length in side view			
Lower links	mm	930	930
Lift arms	mm	188	240
Lift rods	mm	666	666
Top link	mm	520 - 760	520 - 760
Distance of lift rod connection point from pivot point of lower link	mm	465	465
The following dimensions are given relative to the rear wheel centre line, situated 813 mm above the ground level			
Lower link pivot point	mm	130 behind, 265 below	130 behind, 265 below
Top link pivot point	mm	355 behind, 220 above	355 behind, 220 above
Lift arm pivot point	mm	89 behind, 378 above	89 behind, 378 above
Maximum and minimum height of lower link hitch points	mm	152 above, 343 below	187 above, 493 below
Height of lower link hitch points when locked in transport position	mm	142 above -	177 above

		Lifting heights in relation to a horizontal line through the lower link pivoting point															
		22,8	19,8	18	12	-7,8	0	+6	12	18	24	30	36	41,7	45,2	48	cm
Lifting force at the hitch points kg (Values for the pressure at maximum hydraulic horse-power, calculated from measurements made at maximum pressure)	max. mech. advantage					4480	4500	4500	4480	4440	4370	4250	4180	4100			
	min. mech. advantage	3660	3670	3680	3690	3690	3640	3570	3470	3340	3240	3180	3160	3170	3180		
	Maximum force exerted throughout whole range: 4100/3160 kg																
	Pressure: 174 kg/cm^2																
Lifting force at the frame kg (Values for the pressure at maximum hydraulic horse-power, calculated from measurements made at maximum pressure	max. mech. advantage					3900	3890	3870	3830	3760	3650	3500	3340	3170	3100		
	min. mech. advantage		3410	3410	3400	3390	3370	3340	3260	3140	2970	2790	2620	2490	2430	2340	
	Maximum force exerted throughout whole range: 3100/2340 kg																
	Pressure: 174 kg/cm^2																



Maße des Hebegetriebes

OPTIONAL TEST

(9) Engine performance

Date and location of test: 1974 04 04, Steyr, Austria
Typ of dynamometer: SCHENCK hydraulic dynamometer U1-25

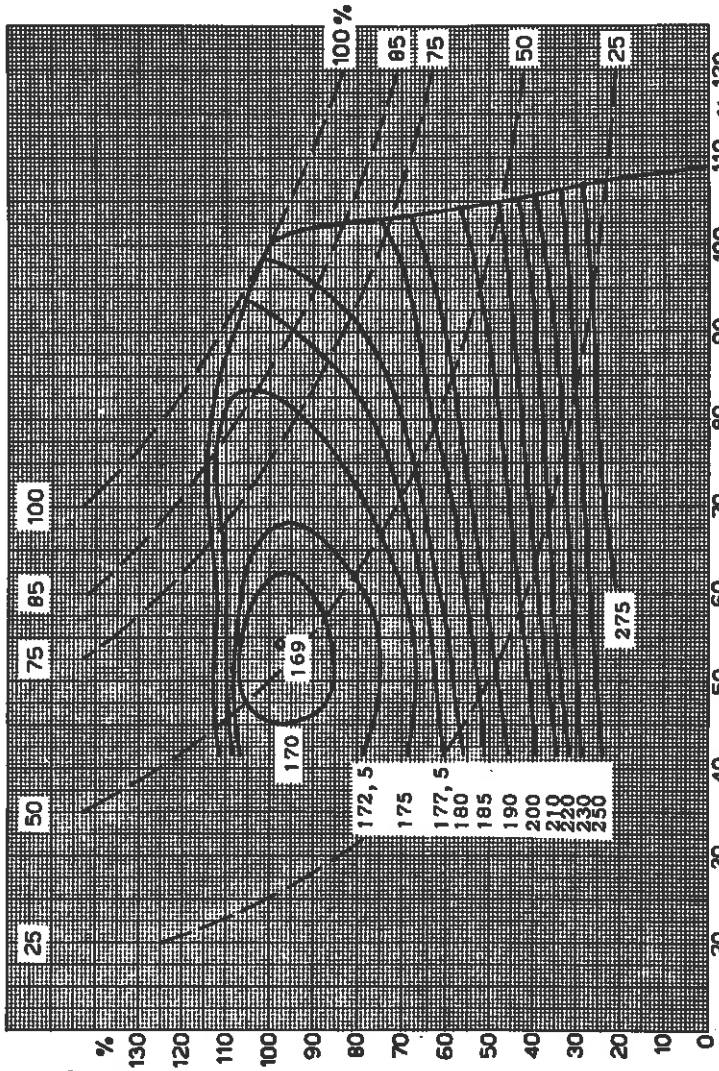
Power hp	Engine speed rev/min	Fuel consumtion l/h	specific g/hph	specific hph/l
Maximum power 2 hours test				
112,0	2400	23,68	181	4,729
Standard p.t.o. speed (1000 rev/min)				
110,75	2249	23,05	178	4,804
The speed recommended by the manufacturer for drawbar work				
112,0	2400	23,68	181	4,729
Part loads				
(i) 85 % of torque at part loads				
98,6	2465	20,87	181	4,724
(ii) unloaded				
-	2610	6,58	-	-
(iii) 50 % of the load defined in (i)				
57,8	2518	14,07	208	4,108
(iv) maximum power				
112,0	2400	23,68	181	4,729
(v) 25 % of the load defined in (i)				
30,85	2575	10,28	285	3,000
(vi) 75 % of the load defined in (i)				
86,6	2475	18,64	184	4,645

Optimum fuel consumption: 169 g/hph at 59,32 hp and 1300 rev/min
No load maximum engine speed: 2610 rev/min
Torque at maximum power: 33,42 kpm
Maximum torque: 38,22 kpm at 1808 rev/min

Mean atmospheric conditions: temperature 18°C
pressure 735 mm Hg = 980 mb
relative humidity 85 %

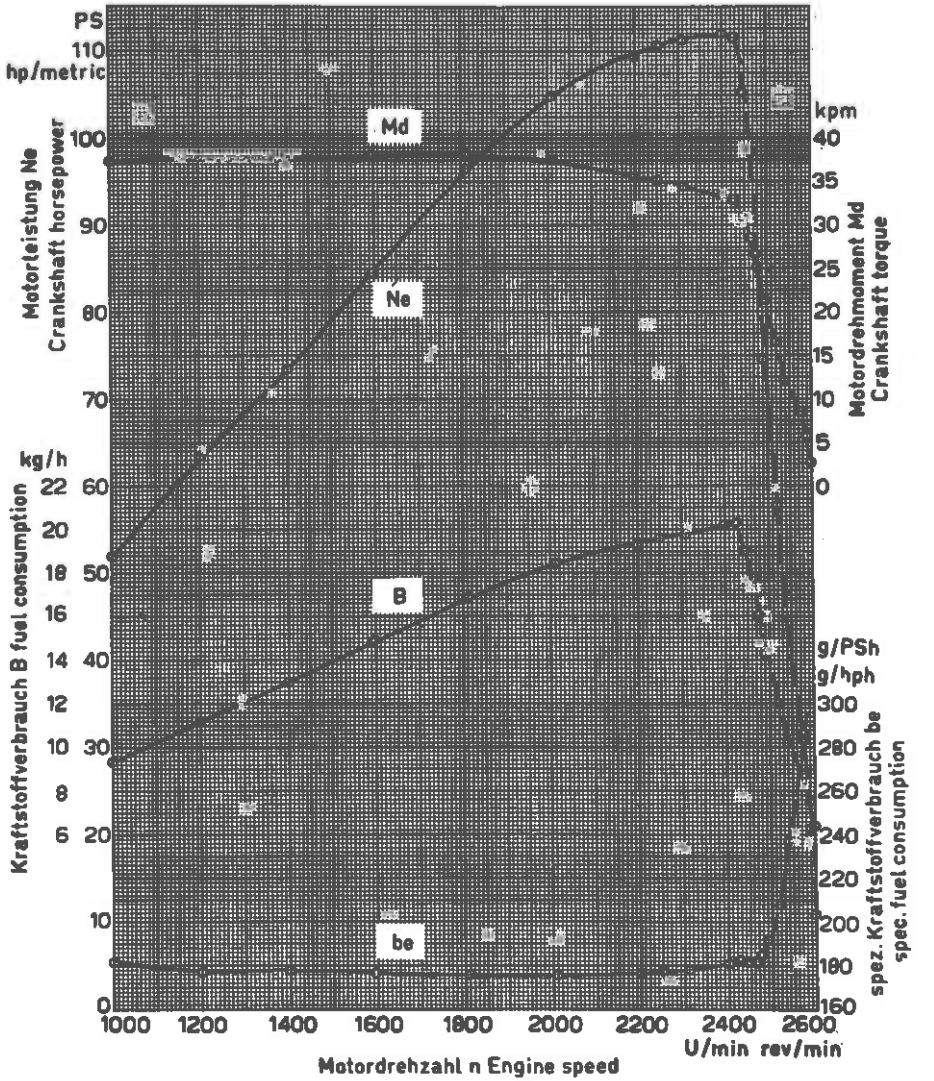
Maximum temperatured: coolant 80°C
engine oil 92°C
fuel 60°C
engine air intake 20°C

Bundesversuchs-u.Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria Protokoll Nr. 160/74	**Motorprüfung Engine-test**	Steyr - Dieseltraktor Typ 1200 Mot. Typ STEYR WD 610.43



Motor Nr. 1292/10	Luftdruck: 980 mb	Kühltemp. 80°C	Versuchstag: 4.4.1974	Vers. Leitung
Fahrzeug Nr. 397.11-1286/04	Lufttemperatur: 18°C	Öltemperatur: 92°C	Versuchs Nr. 99/M 146	A. Reither
Kraftstoff: 0,855/15°C	Motoröl: Mobil special	Kraftstofftemp. 60°C	K.Blatt Nr. 9	

Bundesversuchs- u. Prüfungsanst. f. landw. Maschinen u. Geräte Wieselburg / Austria Protokoll Nr. 160/74	**Motorprüfung Engine-test**	Steyr-Dieseltraktor Typ 1200 Mot. Typ STEYR WD 610.43

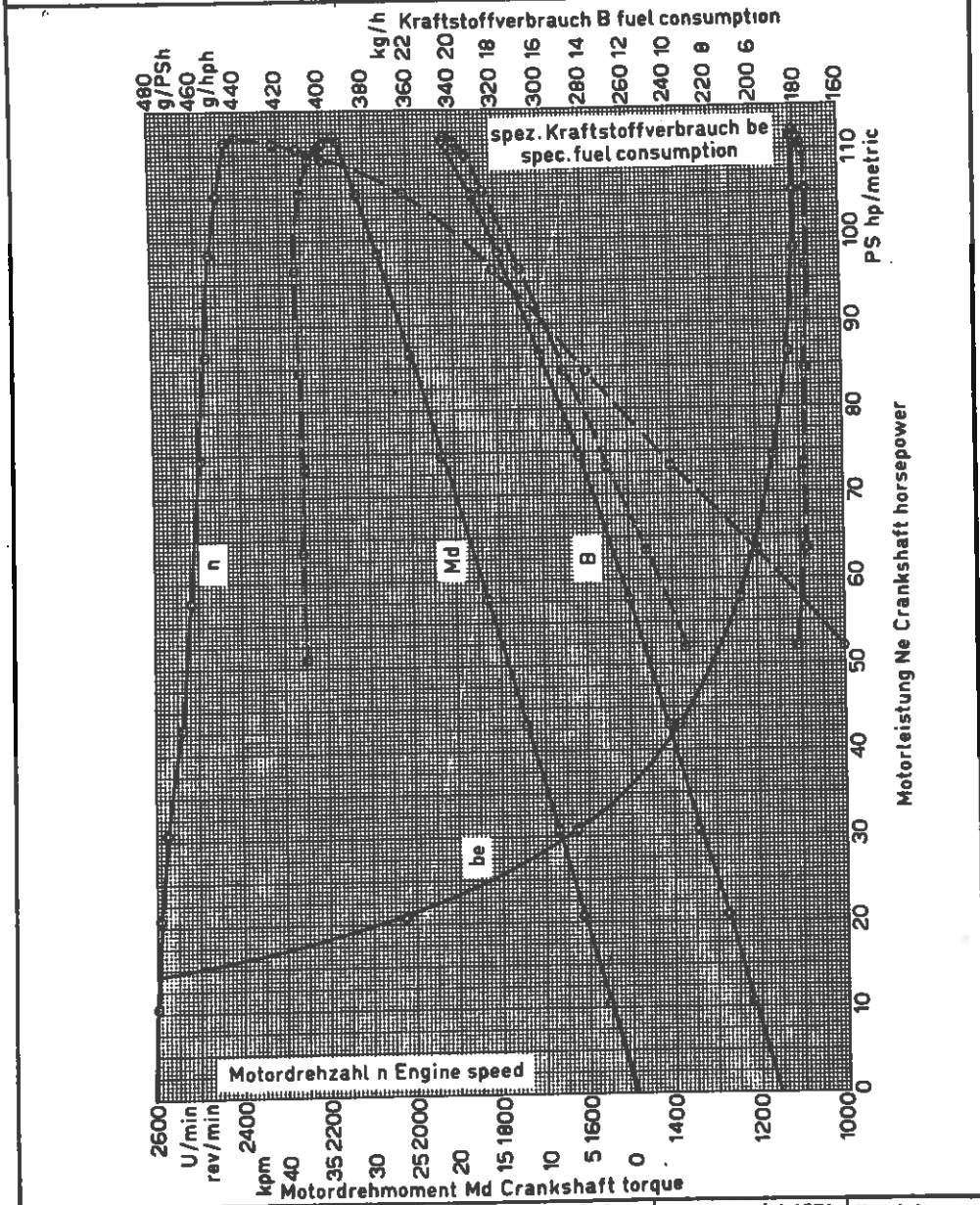


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Bundesversuchs- u. Prüfungsanst. f. landw. Maschinen u. Geräte
Wieselburg / Austria
Protokoll Nr. 160/74

Motorprüfung
Engine-test

Steyr-Dieseltraktor
Typ 1200
Mot. Typ STEYR WD 610.43



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