

SUMMARY OF OECD TEST 1501/3—NEBRASKA SUMMARY 299

SAME ARGON 60 VDT DIESEL

ALSO AGCO ALLIS 5660 DIESEL

12 SPEED

POWER TAKE-OFF PERFORMANCE

Power HP (kW)	Crank shaft speed rpm	Gal/hr (l/h)	lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Mean Atmospheric Conditions
MAXIMUM POWER AND FUEL CONSUMPTION					
Rated Engine Speed (PTO speed—1024 rpm)					
57.0 (42.5)	2355	3.30 (12.48)	0.404 (0.246)	17.26 (3.40)	
Standard Power Take-off speed (1000 rpm)					
56.3 (42.0)	2300	3.23 (12.23)	0.395 (0.244)	17.41 (3.43)	
VARYING POWER AND FUEL CONSUMPTION					
57.0 (42.5)	2355	3.30 (12.48)	0.404 (0.246)	17.26 (3.40)	Air temperature
50.0 (37.3)	2446	2.84 (10.75)	0.398 (0.242)	17.60 (3.47)	75°F (24°C)
38.2 (28.5)	2492	2.31 (8.75)	0.422 (0.257)	16.55 (3.26)	Relative humidity
25.9 (19.3)	2521	1.81 (6.85)	0.488 (0.297)	14.31 (2.82)	72%
13.0 (9.7)	2548	1.29 (4.88)	0.694 (0.422)	10.09 (1.99)	Barometer
--	2565	0.81 (3.08)	--	--	29.1" Hg (98.6 kPa)

Maximum Torque -136 lb.-ft. (186 Nm) at 1544 rpm
 Maximum Torque Rise -7.3%
 Torque rise at 1920 engine rpm -6%

DRAWBAR PERFORMANCE

BALLASTED - FRONT DRIVE ENGAGED

FUEL CONSUMPTION CHARACTERISTICS

Power Hp (kW)	Drawbar pull lbs (kN)	Speed mph (km/h)	Crank- shaft speed rpm	Slip %	Fuel Consumption lb/hp.hr (kg/kW.h)	Hp.hr/gal (kW.h/l)	Temp. °F (°C) cool- ing med	Air dry bulb	Barom. inch Hg (kPa)
75% of Pull at Maximum Power—Five Hours 7th (3N) Gear									
27.5 (20.5)	3600 (16.01)	2.86 (4.61)	2508	7	0.518 (0.315)	13.50 (2.66)	air cld	73 (23)	29.5 (99.8)
MAXIMUM POWER IN SELECTED GEARS									
7th (3N) Gear									
33.3 (24.8)	4795 (21.33)	2.60 (4.19)	2495	15	0.483 (0.294)	14.47 (2.85)	air cld	73 (23)	29.5 (99.8)
8th (4N) Gear									
48.4 (36.1)	4555 (20.27)	3.98 (6.41)	2400	15	0.437 (0.266)	15.99 (3.15)	air cld	73 (23)	29.4 (99.7)
9th (1F) Gear									
48.8 (36.4)	3030 (13.48)	6.04 (9.71)	2350	5	0.475 (0.289)	14.72 (2.90)	air cld	73 (23)	29.4 (99.7)
10th (2F) Gear									
40.7 (30.4)	1555 (6.91)	9.82 (15.81)	2350	2	0.569 (0.346)	12.28 (2.42)	air cld	73 (23)	29.4 (99.7)

Location of Test: ISMA Via Milano 43, 24047 Treviglio BG Italy

Dates of Test: July, 1993

Sound level test on AGCO Allis 5660 - March 21, 1995. (Sound level tests performed at University of Nebraska Tractor Testing Laboratory, Lincoln, Nebraska U.S.A.)

Manufacturer: S+L+H S.p.A. V.le F. Cassani 15, 24047 Treviglio BG Italy

FUEL and OIL: Fuel No. 2 Diesel **Specific gravity converted to 60°/60° F (15°/15°C)** 0.840 **Fuel weight** 7.01 lbs/gal (0.838 kg/l) **Oil SAE 30 API service classification CE Oil consumption for 10 hours** 0.66 lb (300 gm) **Transmission and hydraulic lubricant** AKROS Multi 95 fluid **Front axle lubricant** SAE 95 API GL-4

ENGINE: Make S+L+H Diesel **Type** three cylinder vertical **Serial No.** 1038 **Crankshaft** lengthwise **Rated Engine speed** 2350 **Bore and stroke** 4.134" x 4.547" (105 mm x 115.5 mm) **Compression ratio** 17 to 1 **Displacement** 183 cu in (3000 ml) **Starting system** 12 volt **Lubrication** pressure **Air cleaner** two paper elements **Oil filter** one full flow cartridge **Oil cooler** radiator for crankcase oil **Fuel filter** one paper element **Muffler** vertical **Cooling medium temperature control** air cooled

CHASSIS: **Type** front wheel assist **Serial No.** 1015 **Tread width** rear 51.2" (1300 mm) to 55.1" (1400 mm) front 52.8" (1340 mm) to 60.6" (1540 mm) **Wheel base** 80.9" (2056 mm) **Hydraulic control system** direct engine drive **Transmission** selective gear fixed ratio **Nominal travel speeds mph (km/h)** first 0.18 (0.29) second 0.29 (0.47) third 0.46 (0.74) fourth 0.73 (1.17) fifth 1.16 (1.86) sixth 1.83 (2.95) seventh 2.90 (4.67) eighth 4.56 (7.34) ninth 6.36 (10.24) tenth 10.10 (16.26) eleventh 16.10 (25.91) twelfth 25.34 (40.78) reverse 0.17 (0.28), 0.27(0.44), 0.43(0.70), 0.69(1.11), 1.09 (1.76), 1.74(2.80), 2.75(4.43), 4.37(7.03), 6.04, (9.72), 9.54 (15.36), 15.16(24.39), 24.15(38.87) **Clutch** single dry disc operated by foot pedal **Brakes** wet multiple disc hydraulically operated by two foot pedals which can be locked together **Steering** hydrostatic **Power take-off** 540 rpm at 2044 engine rpm or 1000 rpm at 2300 engine rpm (For U.S. market - 540 rpm at 2079 engine rpm) **Unladen tractor mass** 5180 lb (2350 kg)

TRACTOR SOUND LEVEL WITHOUT CAB	Front Wheel Drive	
	Engaged	Disengaged
	dB(A)	dB(A)
Maximum sound level - in 10th (1FH) gear	100.0	100.0
Bystander in 12th (4F) gear		83.0

CENTER OF GRAVITY

Horizontal distance forward from centerline of rear wheels	34.7 in (882 mm)
Vertical distance above roadway	30.1 in (765 mm)
Horizontal distance from center of rear wheel tread	0 in (0 mm) to the right/left

TURNING ON A CONCRETE SURFACE

Turning radius - with brake applied right 116" (2.95 m) left 130" (3.30 m)	
- without brake right 160" (4.05 m) left 160" (4.05 m)	
Turning space radius - with brake applied right 120" (3.05 m) left 134" (3.40 m)	
- without brake right 164" (4.15 m) left 164" (4.15 m)	

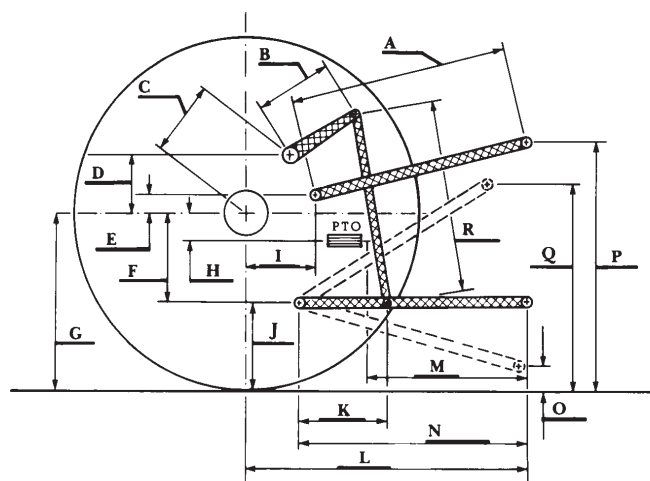
TIRES, BALLAST AND WEIGHT	With Ballast	Without Ballast
Rear Tires	- No., size, ply & psi (kPa) Two 16.9R30; **,23 (160)	Two 16.9R30; **,23 (160)
Ballast	- Liquid (total) None	None
	- Cast Iron (total) 440 lb (200 kg)	None
Front Tires	- No., size, ply & psi (kPa) Two 11.2R24; **,23 (160)	Two 11.2R24; **,23 (160)
Ballast	- Liquid (total) None	None
	- Cast Iron (total) 310 lb (140 kg)	None
Height of Drawbar	22.0 in (560 mm)	22.0 in (560 mm)
Static Weight with Operator - Rear	3470 lb (1575 kg)	3055 lb (1385 kg)
- Front	2625 lb (1190 kg)	2290 lb (1040 kg)
- Total	6095 lb (2765 kg)	5345 lb (2425 kg)

THREE POINT HITCH PERFORMANCE (OECD Static Test)

CATEGORY: II

Quick Attach: None

Maximum Force Exerted Through Whole Range:	4530 lbs	(20.15 kN)
i) Opening pressure of relief valve:	NA	
Sustained pressure with relief valve open:	2610 psi	(180 bar)
ii) Pump delivery rate at minimum pressure:	9.5 GPM	(36.0 l/min)
iii) Pump delivery rate at maximum		
hydraulic power:	8.7 GPM	(32.8 l/min)
Delivery pressure:	2320 psi	(160 bar)
Power:	11.7 HP	(8.75 kW)



	inch	mm
A	21.9	556
B	9.8	250
C	14.2	361
D	12.4	315
E	10.2	260
F	6.1	154
G	27.4	695
H	0.2	5
I	16.0	407
J	21.3	541
K	15.7	400
L	37.7	957
M	20.4	517
N	30.5	774
O	7.9	200
P	45.3	1151
Q	34.4	874
R	24.0	610

HITCH DIMENSIONS AS TESTED—NO LOAD

Agricultural Research Division
 Institute of Agriculture and Natural Resources
 University of Nebraska—Lincoln
 Darrell Nelson, Dean and Director

REPAIRS AND ADJUSTMENTS: No repairs or adjustments

REMARKS: All test results were determined from observed data obtained in accordance with official OECD test procedures. This tractor did not meet the manufacturers claim of 11.8 GPM (44.6 l/min) flow at the remote outlets. The performance results on this summary were taken from OECD tests conducted under the Code I Test procedure.

We, the undersigned, certify that this is a true summary of data from OECD Report No. 1501/3, Nebraska Summary 299, January 5, 2000.

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