

SERVICE MANUAL

TT4.55 / TT4.65 / TT4.75
Tractor





SERVICE MANUAL

**TT4.55 TIER 3 Engine, 2WD Tractor, TT4.55 TIER 3 Engine, 4WD Tractor,
TT4.65 NH 2WD TIER 3 ROPS, TT4.65 NH 4WD TIER 3 ROPS, TT4.75 NH 2WD
TIER 3 ROPS, TT4.75 NH 4WD TIER 3 ROPS**

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Engine

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Engine and crankcase - 001

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(*) See content for specific models

Engine - General specification

Table 1

GENERAL SPECIFICATIONS	
Make	IVECO
Type	4 stroke, diesel, naturally aspirated, direct injection, water cooled
Power	55/60/65/75 Hp
No of Cylinders	3
Bore	104 mm
Stroke	115 mm
Cubic Capacity	2931 cm³
Compression Ratio	18:1
Firing Order	1-2-3
Idle Speed	650 ± 50 RPM
Maximum no Load Speed	2550 ± 50 RPM
Rated Speed	2300 RPM
Engine block	
Cylinder liner seat diameter in engine block	106.850 - 106.900 mm
Cylinder sleeve O.D	106.94 - 106.97 mm
Interference between liners and seats in block	0.04 - 0.12 mm
Liner O.D oversize	0.2 mm
Cylinder liner inner diameter	104.00 - 104.024 mm
Maximum ovality and taper due to wear	0.12 mm
Liner inner diameter oversize	0.4 - 0.8 mm
Camshaft bush seat diameters	
Front	54.780 - 54.805 mm
Intermediate	54.280- - 54.305 mm
Rear	53.780 - 53.805 mm
Tappet seat bore diameter	15.000 - 15.018 mm
Tappet oversize	0.1-0.2 - 0.3 mm
Main bearing seat bore diameter	84.200 - 84.230 mm
Cylinder head	
Valve guide seat bore diameter in head	13.950 - 13.983 mm
Valve guide oversize	0.2 mm
Valve stand-in	0.7 - 1.0 mm
Maximum stand-in permitted	1.3 mm
Injector standout	0.05 - 0.7 mm
Max. standout permitted	1.0 mm
Original cylinder head height	92 mm
Maximum head dressing allowed	0.5 mm
Compression pressure	28 bar
Engine cranking speed	250 RPM
Exhaust valves	
Valve head diameter	40.75 - 41.25 mm
Valve stem diameter	7.975 - 7.990 mm
Face angle	45 30' ± 7' °
Tappet clearance	0.30 ± 0.05 mm
Cam lift	6.127 mm
Valve lift	10.445 mm
Intake valves	
Valve head diameter	45.300 - 45.500 mm
Valve stem diameter	7.985 - 8.000 mm
Face angle	60 30' ± 7' °
Tappet clearance (cold)	0.30 ± 0.05 mm
Cam lift	5.889 mm



Thank you very much
for your reading.
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to get more information.