SDS TOYOTA Hilux Diesel

LN141, 145, 146, 147, 150, 152, 165, 166, 167, 170, 171, 172, 191 Aug. '97

	2L	2L–T	3L	5L
cm³ or CC *(cu. in.)*	2446 *(149.3)*		2779 *(169.6)*	2986 *(182.2)*
mm *(in.)* **N** *(kgf)*	10–14 *(0.39–0.55)* ※196–343 *(20–35)*			
	17–21 *(0.67–0.83)* ※196–343 *(20–35)*			
	10–15 *(0.39–0.59)* ※196–343 *(20–35)*			
	9–12 *(0.35–0.47)* ※196–343 *(20–35)*			
Ω (20°C *(68°F)*)	Europe, Thailand 0.72 Others 0.65	0.72	Malaysia 0.72 Others 0.65	0.72
secs (20°C *(68°F)*)	Europe, Thailand 3.0 Others 5	3.0	Malaysia 3.0 Others 5	3.0
mm *(in.)*	w/ACSD 0.44–0.56 *(0.0173–0.0220)* w/o ACSD 0.84–0.96 *(0.0331–0.0378)*	0.54–0.66 *(0.0213–0.0260)*	w/ACSD 0.54–0.66 *(0.0213–0.0260)* w/o ACSD 0.84–0.96 *(0.0331–0.0378)*	w/ACSD 0.44–0.56 *(0.0173–0.0220)* w/o ACSD 0.64–0.76 *(0.0252–0.0299)*
	○ × × ×			
kPa *(kgf/cm², psi)*	14220–15200 *(145–155 2062–2205)*			15200–16181 *(155–165 2205–2347)*
	14810–15590 *(151–159 2148–2262)*			15790–16570 *(161–169 2290–2404)*
mm *(in.)*	0.20–0.30 *(0.008–0.012)*			
	0.40–0.50 *(0.016–0.020)*			

rpm	650–750				800
	——				——
	Europe, Thailand 5020–5280 Others 4770–5030	4670–4930	Malaysia 4270–4530 Others 4470–4730		4770–5030
kPa *(kgf/cm², psi)*	3138 *(32.0, 455)*	3040 *(31.0, 441)*	3138 *(32.0, 455)*		
	⬆ 1961 *(20.0, 284)*				
	⬇ 490 *(5.0, 71)*				
N·m *(kgf·cm, ft·lbf)* **A**	① 78 *(800, 58)* ② 90° ③ 90°				
B	23.5 *(240, 17)*				
C	52 *(530, 38)*				
D	64 *(650, 47)*				
E	29.5 *(300, 22)*				
	⬆ 29 *(0.3, 4.3)*				
kPa *(kgf/cm², psi)* 3,000rpm	294–539 *(3.0–5.5 43–78)*				

	2L	2L–T	3L		5L	
			2WD	4WD	2WD	4WD
liter *(US qts, Imp. qts)*	5.3 *(5.6, 4.7)* (2WD) 6.0 *(6.3, 5.3)* (4WD)					
	5.8 *(6.1, 5.1)* (2WD) 6.5 *(6.9, 5.7)* (4WD)					
	API CD (You may also use API CF, CE or CD.)					
liter *(US qts, Imp. qts)*	w/Heater 9.5 *(10.0, 8.4)* w/o Heater 8.7 *(9.2, 7.7)*	9.7 *(10.2, 8.5)*	w/Heater 9.5 *(10.0, 8.4)* w/o Heater 8.7 *(9.2, 7.7)*		w/Heater 9.7 *(10.3, 8.5)* w/o Heater 8.9 *(9.4, 7.8)*	w/Heater 9.9 *(10.5, 8.7)* w/o Heater 9.1 *(9.6, 8.0)*

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Hilux Diesel

TOYOTA QUALITY SERVICE

	LN
A	LHD : 173 *(6.811)* RHD : 177 *(6.968)*
B	5–15 *(0.197–0.591)*
C	⬆ 25 *(0.984)*
	SAE J1703, FMVSS No. 116 DOT3

mm *(in.)*

	4×2	4×4
A	LHD : 161.1 *(6.343)* RHD : 167.1 *(6.602)*	
B	1–6 *(0.04–0.24)*	
C	LHD : 80 *(3.150)* RHD : 85 *(3.346)*	LHD : 75 *(2.953)* RHD : 80 *(3.150)*
	SAE J1703, FMVSS No. 116 DOT3	

mm *(in.)*

196 N *(20kgf, 44.1lbf)*	11–17
A	⬆ 1.0 *(0.039)*
B	⬆ 23.0 *(0.906)* / ⬆ 18.0 *(0.709)*
	⬆ 1.0 *(0.039)*
	⬇ 272 *(10.709)* / ⬇ 297.0 *(11.693)*

mm *(in.)*

	4×2	4×4
A	A+[5.9–17.7] *(0.6–1.8 / 1.3–4.0)*	A±[13–38] *(1.3–3.9 / 2.9–8.8)*
N *(kgf, lbf)*		
N·m *(kgf·cm, ft·lbf)*	LN191 103 *(1050, 76)* Others 137 *(1400, 101)*	103 *(1050, 76)*

	4×2	4×4
	2.2 *(2.3, 1.9)*	2L–T 2.5 *(2.6, 2.2)* 3L, 5L 3.9 *(4.1, 3.4)*
liter *(US qts, Imp. qts)*	**API GL–4 or GL–5 SAE 75W–90**	
liter *(US qts, Imp. qts)*	——	——
liter *(US qts, Imp. qts)*	——	LN166, 177 1.6 *(1.7, 1.4)* Others 1.1 *(1.2, 1.1)*
liter *(US qts, Imp. qts)*	**API GL–4 or GL–5 SAE 75W–90**	
liter *(US qts, Imp. qts)*	——	GCC 2.4 *(2.5, 2.1)* Others 1.8 *(1.9, 1.6)* w/ A.D.D. 1.86 *(1.97, 1.65)* w/ o.A.D.D. 1.6 *(1.7, 1.4)* 2.4 *(2.5, 2.1)*
	Hypoid gear oil API GL–5 **With LSD use LSD oil only** **With A. D. D. use SAE 75W–90** **SAE 90 (⬆ –18°C *(0°F)*)** **SAE80W, 80W–90 (⬇ –18°C *(0°F)*)**	

	LN
mm *(in.)*	⬇ 30 *(1.18)*

	4×2 B–cab Short	4×2 B–cab Long	4×2 W–cab	4×2 C–cab	4×4 (Include Pre Runner) B–cab	4×4 (Include Pre Runner) W–cab	4×4 (Include Pre Runner) C–cab
A	–0°05′±45′ *(–0.08°±0.75°)*		0°00′±45′ *(0°±0.75°)* (Europe, Australia, GCC) –0°05′±45′ *(–0.08°±0.75°)* (Others)	0°00′±45′ *(0°±0.75°)* (Europe) –0°05′±45′ *(–0.08°±0.75°)* (Others)	0°15′±45′ *(0.25°±0.75°)*		
B	10°35′±45′ *(10.58°±0.75°)*		10°30′±45′ *(10.5°±0.75°)* (Europe, Australia, GCC) 10°35′±45′ *(10.58°±0.75°)* (Others)	10°30′±45′ *(10.5°±0.75°)* (Europe) 10°35′±45′ *(10.58°±0.75°)* (Others)	12°15′±45′ *(12.25°±0.75°)*		
C	1°05′±45′ *(1.08°±0.75°)*	1°00′±45′ *(1°±0.75°)* (Europe) 1°10′±45′ *(1.17°±0.75°)* (Australia) 1°05′±45′ *(1.08°±0.75°)* (Others)	0°50′±45′ *(0.83°±0.75°)* (Europe) 1°10′±45′ *(1.17°±0.75°)* (Australia) 0°55′±45′ *(0.92°±0.75°)* (GCC) 1°05′±45′ *(1.08°±0.75°)* (Others)	1°15′±45′ *(1.25°±0.75°)* (Europe) 1°20′±45′ *(1.33°±0.75°)* (Others)	1°45′±45′ *(1.75°±0.75°)* (Europe) 0°50′±45′ *(0.83°±0.75°)* (Australia) 0°45′±45′ *(0.75°±0.75°)* (Others)	1°45′±45′ *(1.75°±0.75°)*	1°20′±45′ *(1.33°±0.75°)* (Europe) 1°15′±45′ *(1.25°±0.75°)* (Australia) 1°10′±45′ *(1.17°±0.75°)* (Others)
D	36° +1° –2°				33° +1° –2°		
	38° +1° –2°						
mm *(in.)*	5±2 *(0.20±0.08)*	4±2 *(0.16±0.08)* (Europe, Australia) 5±2 *(0.20±0.08)* (Others)	3±2 *(0.12±0.08)* (Europe, Australia, GCC) 4±2 *(0.16±0.08)* (Others)	3±2 *(0.12±0.08)* (Europe) 4±2 *(0.16±0.08)* (Australia)	2±2 *(0.08±0.08)* (Europe) 3±2 *(0.12±0.08)* (Others)	2±2 *(0.08±0.08)* (Europe, Australia) 3±2 *(0.12±0.08)* (Others)	2±2 *(0.08±0.08)*

6.00–14–6PRLT	200 *(2.0, 29)* ※1 180 *(1.8, 26)* ※2	—— ——
6.50–14C–8PRLT	—— ——	425 *(4.25, 62)* ※1 240 *(2.4, 35)* ※2
185R14C–8PR	220 *(2.2, 32)*	450 *(4.5, 65)*
195R14C–8PR	220 *(2.2, 32)*	450 *(4.5, 65)*
195R15C–6PRLT	180 *(1.8, 26)*	375 *(3.75, 54)*
205R16 (Reinfored radial tire)	170 *(1.7, 25)*	260 *(2.6, 38)* ※3 240 *(2.4, 35)* ※4
205R16C–6PR	170 *(1.7, 25)*	300 *(3.0, 44)*
7.00–16–8PRLT	240 *(2.4, 35)*	425 *(4.25, 62)*
255/70R15 112LT	190 *(1.9, 28)*	240 *(2.4, 35)*

kPa *(kgf/cm² or bar, psi)*

※1 : Loaded ※2 : Unloaded ※3 : Europe ※4 : Others

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