



- **CHAPTER 5 TRANSFER CASE**





Training Document

HOWO ZZ4257S3241V

- For all wheel drive vehicle, a transfer box is added between transmission and drive axle, so that the power will be delivered respectively to the front drive axle and the middle and rear axles through transfer box. At the same time, in order to increase the low speed requirements during off-road running for full-wheel driving vehicles, the transfer box has a low speed gear. At present, VG1200 or VG2000 transfer box are installed for 4×4 , 6×6 vehicles, and VG2000 transfer box is installed for 8×8 vehicles of SINOTRUCK.





- **SECTION 1**

TEPE AND TECHNICAL PARAMETERS OF TRANSFER BOX



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Type	VG1200 With no interaxle differential	VG1200 With interaxle differential	VG2000
Maximum input torque Nm	11770	11770	20000
Maximum input torque Nm Allowable maximum rpm	3000	3000	3000
First transmission ratio	1	1	1
Second transmission ratio	1.75 Optional 1.22, 1.91	1.75 Optional 1.22	1.75
lubricating oil volume (L)	4.5	4.5	
Weight (kg)	210	245	