SERVICE AND MAINTENANCE SCHEDULE

HOWO 371HP engine,axle type trucks

CUSTOMER : _____ KILOMETERS : _____

MODEL : _____ DATE : _____

VIN : _____ JOB CARD NO :_____

PLEASE NOTE:

1. Refer to the Warranty and Service Guide for Severe Driving Conditions.

I = Inspect, clean, repair or replace / adjust as required R= Replace A= Adjust T = Tighten to the specified torque C= Clean L= Lubricate													
SERVICE INTERVAL every KMs (x1000)	2	10	18	26	34	42	50	58	66	74	82	90	Additional Remarks
or MONTHS, whichever occurs first	2	8	14	20	26	32	38	44	50	56	62	68	
ENGINE													
Air cleaner element	C	C	R	C	C	R	C	C	R	C	C	R	clean every 4000km, with air less than 5 bar
Check engine for oil leaks	I	I	I	I	I	I	I	I	I	I	I	I	
Drive belt tension and damage	I	I	I	I	I	I	I	I	I	I	I	I	
Engine oil	R	R	R	R	R	R	R	R	R	R	R	R	CH-4 15W/40; 23Liter
Engine oil filter	R	R	R	R	R	R	R	R	R	R	R	R	shorten the period according to severe work conditions
Water oil seprator	R	I	R	I	R	I	R	I	R	I	R	I	
Fuel filter	R	I	R	I	R	I	R	I	R	I	R	I	
Idling speed and acceleration (Tech 2 / GIDSS)	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	
COOLING													
Coolant system for leaks (pressure test & cap)	I	I	I	I	I	I	I	I	I	I	I	I	
Engine coolant level check & test	I	I	I	I	I	I	I	I	I	I	I	I	
Fan cowling rubber and radiator for damage	I	I	I	I	I	I	I	I	I	I	I	I	
Radiator core for blockage	I	I	I	I	I	I	I	I	I	I	I	I	
Coolant	I	I	I	I	R	I	I	I	R	I	I	I	Concentration:40-60%(v/v), freezing point:-25℃to-60℃ (ASTMD3306); 40-45Liter; replace immediately if turning brown color or cloudy.
BRAKE SYSTEM													
Brake air pipe for loose connections / leaks	I	I	I	I	I	I	I	I	I	I	I	I	
Brake chamber for loose connections / leaks	I	I	I	I	I	I	I	I	I	I	I	I	
Brake pedal stroke and free play	I	I	I	I	I	I	I	I	I	I	I	I	
Brake shoe lining	I	I	I	I	I	I	R	I	I	I	I	R	
Brake drum	I	I	I	I	I	I	I	I	I	I	I	I	

Parking brake functionality	I	I	I	I	I	I	I	I	I	I	I	I	
Brake clearance adjustment	I	I	I	I	A	I	I	I	A	I	I	I	front alxe brake tight and reverse 4 stroks, rear alxes brake adjust tight and reverse 3 stroks,
TRANSMISSION													
Gear control cable	I	I	I	I	I	I	I	I	I	I	I	I	
Transmission oil	I	I	I	I	I	I	I	R	I	I	I	R	GL-5 85W/90; 12/12.5L; replace 60,000km or 10months which comes first
CLUTCH													
Clutch fluid	I	I	I	I	R	I	I	I	R	I	I	I	DOT-3/DOT-4; 0.5L; inspect each 8000km, and change every 160,000km or 2 years which comes first.
Clutch disc and pressure plate	I	I	I	I	I	I	I	I	I	I	I	I	
STEERING													
Steering fluid	I	I	I	I	I	I	I	R	I	I	I	R	ATF III steering fluid, 5L; replace 60,000km or 10months which comes first
Steering oil pipe and pump leaks	I	I	I	I	I	I	I	I	I	I	I	I	
Steering axle grease	I	I	I	I	I	I	I	R	I	I	I	R	HP-R extreme pressure compund lithium base grease Q/ZZ21038; 0.625KG at one side; replace every 60,000km
Steering axle mechanism (ball joints, bearing, king pin)	I	I	I	I	I	I	I	I	I	I	I	I	
Steering axle Alignment ajust	I	I	I	I	A	I	I	I	I	A	I	I	adjust front alignment each 4 months/35000km with measure.(jack the front axle to suspend the front tires, mark the center point of each tire tread, turn the tire to let the mark point to front and measure the distance of left-right mark points, then turn and points to rear side and measure again, adjust the tire rod to make front and rear distance same)
UNDER CARRIAGE AND REAR AXLE													
MCY13 Differential gear oil	I	I	I	I	I	I	I	R	I	I	I	R	GL-5 85W/90; 18L(Middle axle) & 14.5L(Rear axle); replace 60,000km or 10months which comes first
Balance shaft	I	I	I	I	I	I	I	I	I	I	I	I	GL-5 85W/90; 2L: regularly supplement.
Air dryer	I	I	I	R	I	I	R	I	I	R	I	I	Replace every 18months, and replace immediately once the valve drain oil.
Fuel tank belt	A	A	A	A	A	A	A	A	A	A	A	A	
All lubricantion points (brake arm, cross joints, tire rod, leaf spring pins and so on)	I	I	I	I	I	I	I	I	I	I	I	I	lithium grease No.2; 4KGs Inspect every 2 weeks or 2000-5000KM, and fill if needed.
Cabl till system	I	I	I	I	I	I	I	I	I	I	I	I	Hydraulic fluid, DIN51524-HVLP15; 1.8L; fill if needed.
Bolts and nuts on chassis and body	I	I	I	I	I	I	I	I	I	I	I	I	
Exhaust system for condition and mountings	I	I	I	I	I	I	I	I	I	I	I	I	
Loose propeller shaft bolts or joints	I	I	I	I	I	I	I	I	I	I	I	I	

Shock absorber looseness/ rubber bush and cushi	I	I	I	I	I	I	I	I	I	I	I	I	
WHEELS & TYRES													
Tyre pressures	I	I	I	I	I	I	I	I	I	I	I	I	
Wheel rims for damage	I	I	I	I	I	I	I	I	I	I	I	I	
Wheel nuts and bolts	T/I	T/I	T/I	T/I	T/I	T/I	T/I	T/I	T/I	T/I	T/I	T/I	
ELECTRICAL													
Check function of reverse buzzer	I	I	I	I	I	I	I	I	I	I	I	I	
Damage to or loose connection of wiring harness	I	I	I	I	I	I	I	I	I	I	I	I	
Function of alternator	I	I	I	I	I	I	I	I	I	I	I	I	
Function of starter motor	I	I	I	I	I	I	I	I	I	I	I	I	
Lights, horn, windshield, wiper and washer	I	I	I	I	I	I	I	I	I	I	I	I	
Fattery fluid and function	I	I	I	I	I	I	I	I	I	I	I	I	