

ROUTINE ENGINE MAINTENANCE

**Important**

Failure to carry out the operations described in the table may lead to technical damage to the machine and/or system.

ORDINARY MAINTENANCE

AFTER THE FIRST
50 WORKING HOURS

Engine oil replacement.

Oil filter replacement.

EXTRAORDINARY MAINTENANCE

OPERATION DESCRIPTION				FREQUENCY x HOURS					
					10	250	300	500	1000
CHECK	ENGINE OIL LEVEL								
	COOLANT LEVEL								
	AIR FILTER (DRY-TYPE)	(***)							
	RADIATOR EXCHANGE SURFACE	(**)							
	VALVE CLEARANCE ADJUSTMENT	(**)							
	FAN / ALTERNATOR	(*)							
	BELT STRETCH								
	COOLING LIQUID HOSES	(*)							
	SETTING AND INJECTORS CLEANING	(**)							
	FUEL PIPES								
	RUBBER INTAKE HOSE (AIR FILTER AND INTAKE MANIFOLD)								
	INTERIOR RADIATOR CLEANING								
	ALTERNATOR AND STARTING MOTOR								
REPLACEMENT	ENGINE OIL	(*)							
	OIL FILTER	(*)							
	FUEL FILTER	(*)							
	ALTERNATOR BELT	(**)							
	COOLANT	(**)							
	FILTER ELEMENT PANEL AIR FILTER	(***)							
	FUEL PIPES	(**)							
	COOLING LIQUID HOSES	(**)							
	RUBBER INTAKE HOSE (AIR FILTER AND INTAKE MANIFOLD)	(**)							
	TIMING BELT	(°)	EVERY 4000 HOURS						
	DRY AIR CLEANER EXTERNAL CARTRIDGE	(***)	AFTER 6 CHECKS WITH CLEANING						
	DRY AIR CLEANER INTERNAL CARTRIDGE	(***)	AFTER 3 CHECKS WITH CLEANING						
	OVERHAUL	PARTIAL							
TOTAL									

250 STANDARD OIL SUMP

300 ENHANCED OIL SUMP

(*) - In case of low use: every year.

(**) - In case of low use: every 2 years.

(***) - The period of time that must elapse before cleaning or replacing the filter element depends on the environment in which the engine operates. The air filter must be cleaned and replaced more frequently in very dusty conditions.

(°) - Once removed, the timing belt should be replaced even if its scheduled motion period is not over.