

SECTION 05-70

LUBRICATION AND SERVICING

The following table contains the lubrication and servicing intervals for items of the A119 and AW119MKII helicopter models.

CAUTION: FOR INFORMATION CONCERNING THE PRODUCTS USED AND THE LUBRICATION AND SERVICING PROCEDURES REFER TO THE **CHAPTER 12**.

NOTE: Mixing of oils of different brands, types and manufactures is prohibited.

LEGEND

L : LUBRICATE
S : SERVICE
R : REPLACE

Item	On condition	7 days	50 hrs or 3 months*	100 hrs or 6 months*	200 hrs or 12 months*	400 hrs or 12 months*	1200 landings	Note
N° 1 hydraulic system reservoir	S							
N° 2 hydraulic system reservoir	S							
Main rotor dampers (4 places)	S							1
Main rotor floating ring and drop stop			L					
Main transmission oil	S					R		2, 3
Tail rotor 90° gearbox oil	S			R				
Engine oil tank	S							4
Main fuel tanks	S							
Auxiliary fuel tank	S							
Servo hydraulic system accumulators (2 places)					S with nitrogen			
Main rotor blade (only for helicopters which operate over the sea) Ref. to 62-11-35		L						
Main rotor swashplate (2 places)			L					
Main rotor servo actuators (3 places)					L			
Levers of main and tail rotor servo actuators. Protect with a corrosion preventive compound. Ref. to para 67-31-18						L		
Tail rotor drive shaft bearing			L					
Tail rotor pitch change mechanism duplex bearing			L					
Splined adapters of transmission to fan drive shaft	L							
Rotor brake pump hydraulic fluid (if installed)	S							
Landing gear dampers (2 places)							S	5

(*) **Whichever occurs first.**

NOTE 1: Every 400 flight hours service and bleed without removing damper from helicopter. Ref. to [para 12-20-15](#).

NOTE 2: Perform transmission oil level check after engine shut down without operating rotor brake (if installed).

NOTE 3: In addition to oil replacement, replace oil filter of main transmission.

NOTE 4: Refer to engine manufacturer's manual for engine oil change schedule.

NOTE 5: Remove dampers from the helicopter and replenish. Ref. to [para 12-20-31](#).