

Appendix C Maintenance requirements Airbus Helicopters EC 225 LP

Maintenance Actions on EC 225 LP	Before G-REDL	Between G-REDL and LN-OJF	Following LN-OJF
Epi module TBO Planet Gear OTL/SLL	TBO 2000FH//24Y (+10% margin) OTL 4400FH	TBO 2000FH//24Y (+10% margin) OTL 4400FH	<i>October 2016:</i> TBO 1500FH//24Y (+10% margin) SLL 1650FH
			<i>June 2017:</i> TBO 2000FH//24Y (+10% margin) SLL 1100FH (EASB 63A030]
Sump magnetic plug Electrical magnetic plug connected to cockpit panel	Visual inspection each 75FH and in case of particle detection i.a.w AMM 05-53-00-218	50FH** (ASB 05A029) and in case of particle detection i.a.w AMM 05-53-00-218	ALF//10FH** (EASB 05A049) and in case of particle detection i.a.w. AMM 05-53-00-218
Epi magnetic plug Electrical magnetic plug connected to cockpit panel	Visual inspection each 75FH and in case of particle detection i.a.w AMM 05-53-00-218	50FH** (ASB 05A029) and in case of particle detection i.a.w AMM 05-53-00-218	ALF//10FH** (EASB 05A049) and in case of particle detection i.a.w. AMM 05-53-00-218
Flared housing magnetic plug Electrical magnetic plug connected to cockpit panel	Visual inspection each 75FH and in case of particle detection i.a.w AMM 05-53-00-218	50FH** (ASB 05A029) and in case of particle detection i.a.w AMM 05-53-00-218	ALF//10FH** (EASB 05A049) and in case of particle detection i.a.w. AMM 05-53-00-218
Oil cooler magnetic plug Non electrical magnetic plug	During MGB oil draining	Unchanged	ALF//10FH** PRE MOD 07 53052 (EASB 05.049) POST MOD 07 53052 (EASB 05.049), no check required and: - In case of particle detection i.a.w. AMM 05-53-00-218 - During MGB oil draining
Oil filter	Oil filter cartridge OTL: 800FH//2Y (if oil Aerogear 1032) or 400FH//2Y (other oil) Oil filter cartridge check: 600H//1Y (if oil Aerogear 1032) or 300FH//1Y (other oil) and: In case of particle detection i.a.w. AMM 05-53-00-218	Unchanged	Oil filter cartridge check: ALF//10FH** or 25FH** depending on the 2nd Stage planet gears TSN - PRE MOD 07 53052 (EASB 05A049) POST MOD 07 53052 (EASB 05.049), no check required and in case of particle detection i.a.w. AMM 05-53-00-218

Maintenance Actions on EC 225 LP	Before G-REDL	Between G-REDL and LN-OJF	Following LN-OJF
Oil cooler	Oil cooler check every 2400FH//6Y and in case of particle detection i.a.w AMM 05-53-00-218 (No check during close monitoring)	Unchanged	Oil cooler check: ALF//10FH** or 25FH** depending on the 2nd Stage planet gears TSN - PRE MOD 07 53052 (EASB 05A049) POST MOD 07 53052 (EASB 05.049), no check required and in case of particle detection i.a.w. AMM 05-53-00-218
FFMP (Full Flow Magnetic Plug) MOD 07 53052 (SB 63-032)	Not applicable	Not applicable	ALF//10FH** POST MOD 07 53052 (EASB 05.049) Implementation Deadline: 31/10/2017 and in case of particle detection i.a.w. AMM 05-53-00-218
Particles acceptance criteria	Flake - Splinter: 3 mm ³ Scale: 50 mm ² total amount of scales collected	Scale, Flake, Splinter: Individual particle dimension requiring metallurgical analysis: S ≤ 2 mm ² e ≤ 0.4 mm L ≤ 2 mm Removal of MGB in case one particle exceeding the individual particle dimension is “noble material” madden. If none of the particles collected exceeds the individual particle dimension or is not made of some ‘selected materials’ the total amount of particles collected before MGB removal remains 50 mm ² .	Scale, Flake, Splinter: Individual particle dimension requiring metallurgical analysis: S ≤ 1 mm ² e ≤ 0.2 mm L ≤ 1.5 mm Total amount of particles collected before metallurgical analysis ≤ 3 mm ² . Removal of MGB if 16NCD13 analyzed or if one particle exceeding the individual particle dimension is made of some ‘selected materials’. If no 16NCD13 and if none of the particles collected exceeds the individual particle dimension or is not made of some ‘selected materials’ the total amount of particles collected before MGB removal remains 50 mm ² .

** these operations are airworthiness operations (mandatory operations) issued from an Emergency Alert Service Bulletin (EASB).