

# Helicopter oil guide

Why switch for more proven helicopter performance?

Eastman Aviation Solutions creates innovative solutions for high-severity engines providing industry leading products and services.



## Turbine engines

Leonardo		
Helicopter model	Engine	Approved engine lubricant
A109	A250-C20	ETO 2380 ETO 2197
A109A or A109A II	A250-C20B or -C20 R/1	ETO 2380 ETO 2197
A109E	PW206C	ETO 2380
A109E	Arrius 2K1	ETO 2380 ETO 2197
A109K2	Arriel 1K1	ETO 2380 ETO 2197
A109S or AW109SP	PW207C	ETO 2380
A119 or AW119 MK2	PT6B-37A	ETO 2380
Agusta-Bell 206B-1	A250-C20	ETO 2380 ETO 2197
AW139 or AB139	PT6C-67C	ETO 2380

Bell		
Helicopter model	Engine	Approved engine lubricant
Bell 206A	A250-C18	ETO 2380 ETO 2197
Bell 206B/B3 JetRanger	A250-C20	ETO 2380 ETO 2197
Bell 206L LongRanger	A250-C20B or -20J	ETO 2380 ETO 2197
Bell 206L -1, L-3, L-4 LongRanger	A250-28B or -C30P	ETO 2380 ETO 2197
Bell 212 Twin Huey	PT6T-3B	ETO 2380
Bell 222	LTS 101-650C-2, -650C-3	ETO 2197
Bell 222B, 222U	LTS 101-750C-1	ETO 2197
Bell 230	A250-C30G/2	ETO 2380 ETO 2197
Bell 407	A250-C47B	ETO 2380 ETO 2197
Bell 412, 412EP, 412CF	PT6T-3B or -3D	ETO 2380
Bell 427	PW207D	ETO 2380
Bell 429	PW207D	ETO 2380
Bell 430	A250-C40B	ETO 2380 ETO 2197

Mil		
Helicopter model	Engine	Approved engine lubricant
Mi-8 or Mi-17 (export)	TV3-117	ETO 2380

Robinson		
Helicopter model	Engine	Approved engine lubricant
R66	RR300	ETO 2197

Sikorsky		
Helicopter model	Engine	Approved engine lubricant
S-76 A	A250-C30	ETO 2380 ETO 2197
S-76 A+, A++, C	Arriel 1S or 1S1	ETO 2380 ETO 2197
S-76 B	PT6B-36A or 36B	ETO 2380
S-76 C+, C++	Arriel 2S1 or 2S2	ETO 2380 ETO 2197
S-76D	PW210S	ETO 2380
S-92A	CT7-8, -8A	ETO 2380

### High-performing products

Whatever your turbine oil requirements, we have the lubrication products designed to meet your needs.

- 1 Main transmission
- 2 Turbine engine
- 3 Tail Rotor gearbox
- 4 Intermediate gearbox

Airbus			
Helicopter model	Engine	Approved engine lubricant	
AS332C, L, L1 Super Puma	Makila 1A, 1A1	ETO 2380	ETO 2197
AS332L2 Super Puma	Makila 1A2	ETO 2380	ETO 2197
AS350 B3 Ecureuil	Arriel 2B, 2B1, 2B2	ETO 2380	ETO 2197
AS350B, B1, B2 Ecureuil	Arriel 1B, 1D, 1D2	ETO 2380	ETO 2197
AS350C, D ASTAR	LTS 101-600 or -700	ETO 2197	
AS355E, F, F1 Twinstar	A250-C20F	ETO 2380	ETO 2197
AS355N, NP Twinstar	Arrius 1A, 1A1	ETO 2380	ETO 2197
BK 117A-1, A-3, A-4	LTS 101-650B-1	ETO 2197	
BK 117B-1, B-2	LTS 101-750B-1	ETO 2197	
BK 117C1	Arriel 1E	ETO 2380	ETO 2197
BK 117C2 (aka EC145)	Arriel 1E2	ETO 2380	ETO 2197
BO-105 A	A250-C18	ETO 2380	ETO 2197
BO-105 C, S, LS-A1	A250-C20, -C20B, -C28C	ETO 2380	ETO 2197
BO-105 LS-A1, LS-A3	A250-C28C	ETO 2380	ETO 2197
EC120B/HC120B	Arrius 2F	ETO 2380	ETO 2197
EC130 B4, T2	Arriel 2B1, 2D	ETO 2380	ETO 2197
EC135/H135 P1, P2, P2+	PW206B, B2	ETO 2380	
EC135/H135 T1, T2, T2+	Arrius 2B, 2B1, 2B2	ETO 2380	ETO 2197
EC155B/H155B, B1	Arriel 2C1, 2C2	ETO 2380	ETO 2197
EC225/H225 Super Puma	Makila 2A, 2A1	ETO 2380	ETO 2197
SA330	Turmo IVC	ETO 2380	ETO 2197
SA/SA-365C, C1, C2, N, N1, N2 Dauphin	Arriel 1A, 1A1, 1A2, 1C, 1C1, 1C2	ETO 2380	ETO 2197
SA-366G1 Dauphin	LTS 101-750B-2	ETO 2197	

MD Helicopters			
Helicopter model	Engine	Approved engine lubricant	
MD 500C	A250-C20	ETO 2380	ETO 2197
MD 520E	A250-C20B	ETO 2380	ETO 2197
MD 530F	A250-C30	ETO 2380	ETO 2197
MD 600	A250-C47	ETO 2380	ETO 2197
MD 900 or MD 902 Explorer	PW206A	ETO 2380	
MD 901 Explorer	Arrius	ETO 2380	ETO 2197
MD 902	PW206E or PW207E	ETO 2380	