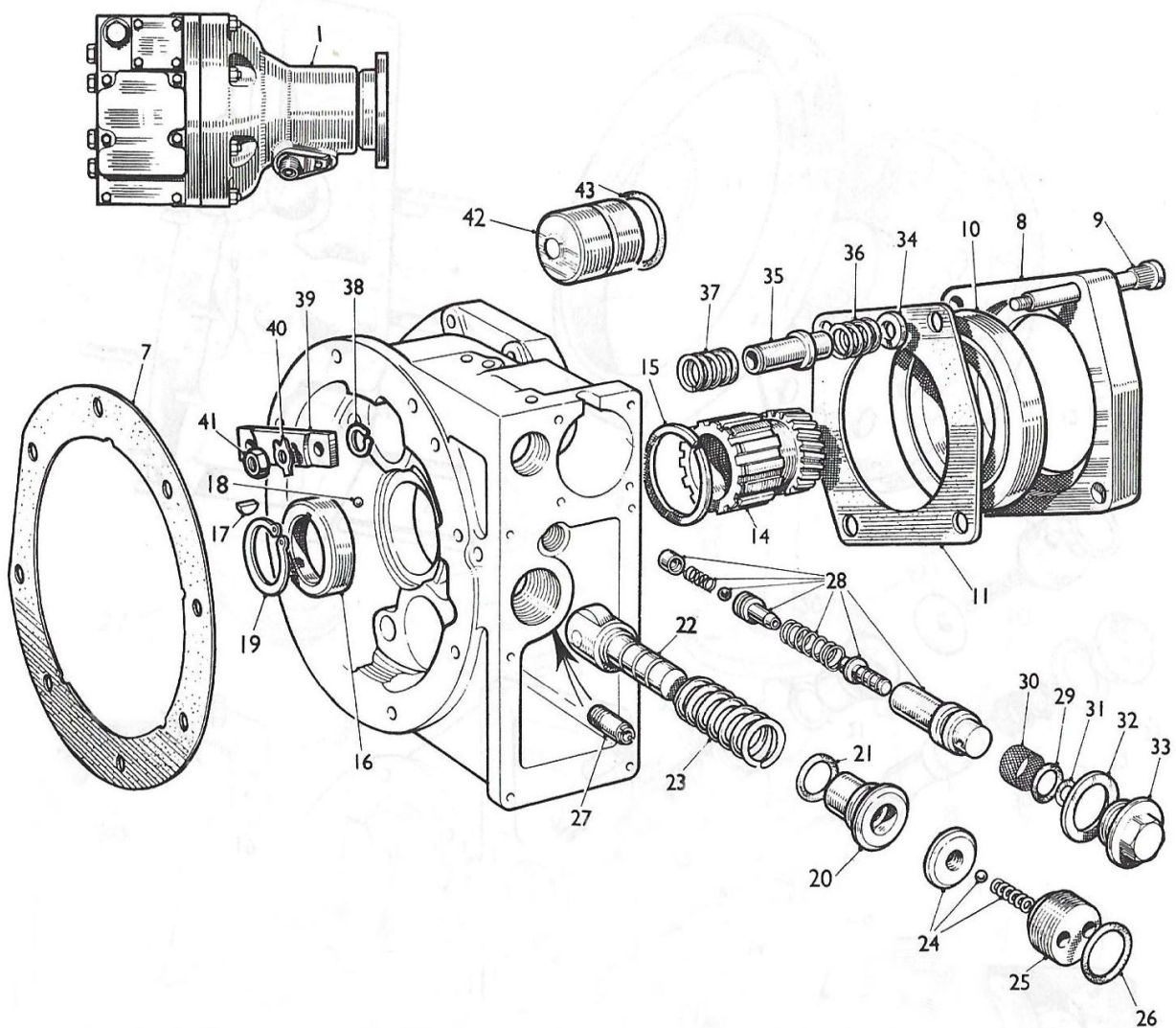


What oil for the MGBGTV8 gearbox and overdrive?



MGB TOURER AND GT

Ill. No.	Part No.	DESCRIPTION	Qty.	Change Point	REMARKS
GEARBOX-OVERDRIVE-ALL SYNCHROMESH-18GD,18GF,18GG,18GH,18GJ,18GK,18V AND V8-continued.					
28	37H 3462	Valve-relief and low pressure	1		Not V8.
28	37H 8070	Valve-relief and low pressure	1		V8.
29	37H 1922	O'ring	1		
30	37H 1923	Filter-relief-valve body	1		
31	37H 1924	O'ring	1		
32	7H 8307	Washer-relief valve-plug	1		
33	37H 1925	Plug-relief valve	1		
34	37H 1926	Washer-thrust rod	4		
35	37H 1927	Rod-thrust	4		
36	37H 3872	Spring-clutch engagement	4		
36	37H 1928	Spring-clutch engagement	1		Not V8.
37	37H 1929	Spring-clutch release	4		V8.
38	37H 1930	Circlip-thrust rod	4		
39	37H 1931	Piece-bridge	2		
40	7H 5863	Washer-tag	4		
41	37H 1932	Nut	4		
42	37H 1933	PISTON ASSEMBLY	1		
43	17H 5874	O'ring	1		

Gearbox & overdrive – V8, AKM0039 parts book page 108-C48.02 item28

What oil for the MGBGTV8 gearbox and overdrive?

Relief valve filter Fig. 3

Drain the gearbox and overdrive unit. Clean the relief valve filter plug and its immediate surrounding area.

Remove the relief valve filter plug (6) and the sealing washer (7), withdraw the relief valve (8) and remove the filter (9).

Check that the seal (10) fitted in the plug is in a satisfactory condition.

Wash the filter, plug, sealing washer and seal in fuel (petrol).

Insert the seal (10) into the plug.

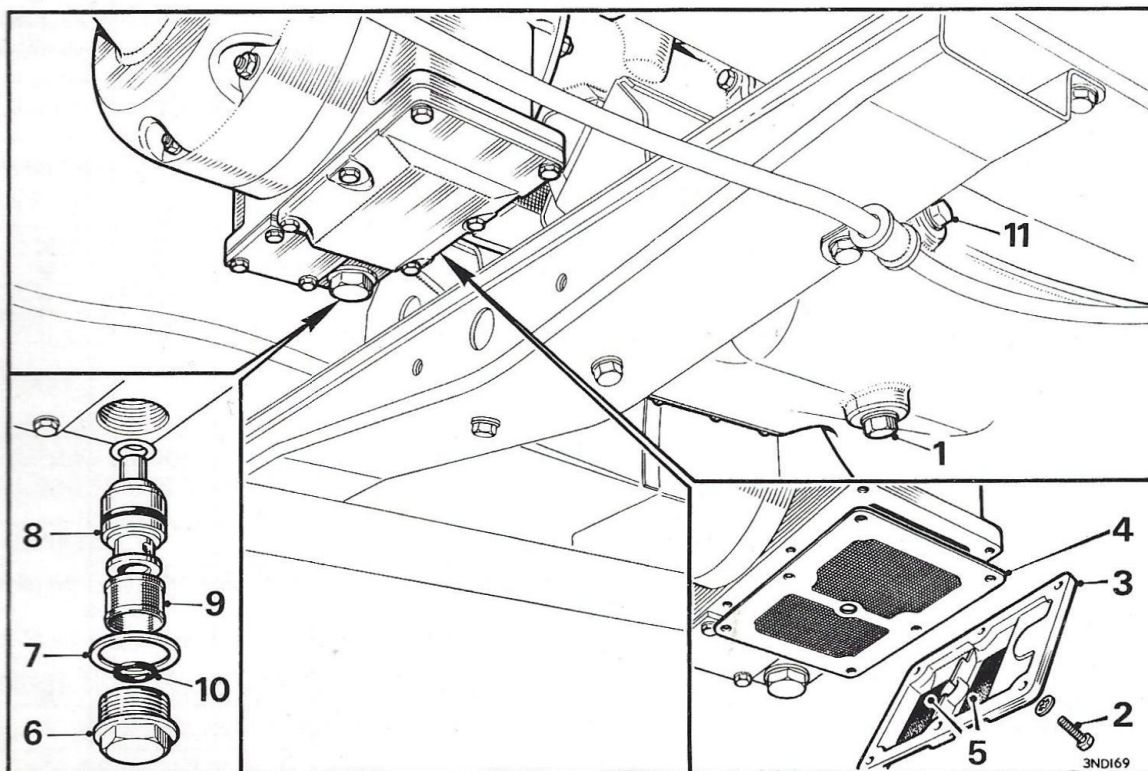
Fit the filter to the relief valve, push the valve upwards and refit the plug and sealing washer.

Filling Fig. 3

Remove the combined filler and oil level plug (11). Fill the gearbox and overdrive unit with the correct quantity (see 'GENERAL DATA') of one of the recommended oils up to the bottom of the plug aperture. Allow sufficient time for any surplus oil to run out before replacing the plug.

Start the engine, and run the car for a short distance, switch off, allow it to stand for a few minutes, then re-check the oil level and top up if necessary.

Fig. 3



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What oil for the MGBGTV8 gearbox and overdrive?

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RECOMMENDED LUBRICANTS

Component	Engine and Carburettor			Gearbox		Rear Axle and Steering Gear		Grease Points	Upper Cylinder Lubrication
Climatic conditions	All temperatures above -10°C (15°F)	Temperatures 10° to -20°C (50° to -5°F)	All temperatures below -10°C (15°F)	All temperatures above -10°C (15°F)	All temperatures below -10°C (15°F)	All temperatures above -10°C (15°F)	All temperatures below -10°C (15°F)	All conditions	All conditions
Minimum performance level	British Leyland Service Fill Lubricating Oil Specification for Passenger Car and Light Commercial Petrol Engines B.L.S. OL.02.			MIL-L-2105	MIL-L-2105	MIL-L-2105B	MIL-L-2105B	Multipurpose Lithium Grease N.L.G.I. Consistency No. 2	Upper Cylinder Lubricant
ESSO	Esso Uniflo 20W/50	Esso Uniflo 10W/30	Esso Extra Motor Oil 5W/20	Esso Gear Oil GX 90/140	Esso Gear Oil GX 80	U.K.: Gear Oil GX 90/140 Overseas: Gear Oil GX 90	Esso Gear Oil GX 80	Esso Multipurpose Grease H	Esso Upper Cylinder Lubricant
MOBIL	Mobiloil Special 20W/50 or Super 10W/50	Mobiloil Super 10W/30	Mobiloil 5W/20	Mobilube GX 90	Mobilube GX 80	Mobilube H.D. 90	Mobilube H.D. 80	Mobilgrease M.P. or M.S.	Upper Mobilube
BP	BP Super Visco-Static 20/50 or 10W/40	BP Super Visco-Static 10W/30 or 10W/40	BP Super Visco-Static or BP Super Visco-Static 5W/20	BP Gear Oil S.A.E. 90 EP	BP Gear Oil S.A.E. 80 EP	BP Hypogear 90 E.P.	BP Hypogear 80 EP	BP Energrease L 2	BP Upper Cylinder Lubricant
SHELL	Shell Super 20W/50	Shell Super 10W/50	Shell Super 5W/30	Shell Spirax 90 EP	Shell Spirax 80 EP	Shell Spirax Heavy Duty 90	Shell Spirax Heavy Duty 80	Shell Retinax A	Shell Upper Cylinder Lubricant
TEXACO	Havoline 20W/50 or 10W/40	Havoline 10W/40	Havoline 5W/30			Multigear Lubricant EP 90	Multigear Lubricant EP 80	Marfak All Purpose	Special Upper Cylinder Lubricant
PETROFINA	Fina Supergrade 20W/50 or 10W/50 or 10W/40	Fina Supergrade 10W/50 or 10W/40	Fina Supergrade 5W/20			Fina Pentonic XP 90-140	Fina Pentonic MP 80	Fina HLT 2	Fina Cyltonic
DUCKHAMS	Duckhams Motor Oil	Duckhams Q.5500	Duckhams Q.5-30	Duckhams Hypoid 90	Duckhams Hynoid 80	Duckhams Hypoid 90S	Duckhams Hypoid 80S	Duckhams L.B. 10 Grease	Duckhams Adcoild Liquid
CASTROL	Castrol GTX	Castrolite	Castrol CRI 5W/20	Castrol Hypoy	Castrol Hypoy Light	Castrol Hypoy B.90	Castrol Hypoy B.80	Castrol L.M. Grease	Castrollo

Lubrication

Recommended lubricants, Page 76, MGBGTV8 Driver's Handbook (AKD8423 (Fourth Edition)).



CASTROL EP90

Extreme pressure multi-purpose gear oil for hypoid and non hypoid applications where specified by the manufacturer.
API GL-4



CLASSIC GEAR OILS

Castrol has over 100 years of experience in developing transmission fluids, and is the choice of many leading car and transmission manufacturers for factory-fill products. Castrol offer a complete range of lubricants for early classic vehicle specifications.

Our range of Classic gear oils includes straight oils, extreme pressure gear oils, automatic transmission fluids and semi-fluid greases. Owners of early vehicles can continue to follow their vehicle manufacturers' handbook recommendation.

Getting the right oil for your car is key to ensuring your transmission operates as it was designed to, giving a smooth driving experience every day and the peace of mind of knowing you have the right oil.

Castrol website: https://www.castrol.com/en_gb/united-kingdom/products/cars/classic-oils/classic-gear-oils.html