



Holden

Engine Oils For Holden Applications

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Summary

The purpose of this bulletin is to communicate the current and future Holden strategy regarding engine oils.

Background

Advancements in engine hardware and the shift to smaller displacement, turbocharged petrol engines have driven the need for updated engine oil specifications. GM has recently released a new dexos1™ engine oil specification, referred to as 'GEN2' which offers additional protection against LSPI (Low Speed Pre-Ignition). Please refer to TSB 17-H-063 for more details on LSPI. Engine oil meeting the dexos1™ GEN2 specification is now available through ACDelco (refer to parts bulletin 2017-R3780 and 2017-R3788).

Where oils are not sourced from ACDelco, Dealers should contact their oil supplier to ensure dexos1™ is being supplied as an approved 'GEN2' specification. Approved dexos1™ GEN2 oil can be identified by the new logo:



For petrol engines



For diesel engines

Holden recommends the engine oil strategy documented in this bulletin, which minimises the number of different engine oil types stocked at each dealership.

What is 'dexos™'?

GM's global engine oil specification is known as dexos™. All dexos™ compliant engine oils were first released in 2009. The dexos1™ petrol engine oil specification was recently upgraded from 'GEN1' to 'GEN2' to better meet turbocharged petrol engine requirements.

The dexos™ compliant engine oils offer high performance, optimum engine protection and improved fuel economy. Holden recommends only dexos™ compliant engine oils be used to service Holden vehicles listed in this bulletin.



Recommended Oils to Stock

Holden recommends that dealers stock dexos1™ GEN2 5W-30 and dexos2™ GEN1 5W-30 oils and Premium HP 5W-40 oils. These 3 oil types cater for all petrol and diesel engine variants going forward, as shown in the table below.

Engine Type	Oil Specification	AC Delco Product	Generation	Viscosity	Strategy
Petrol	dexos1™	'dexos1'	GEN1	5W-30	No longer available *
			GEN2	5W-30	<ul style="list-style-type: none"> Mandatory for all petrol turbos Recommended for petrol non-turbo
	dexos2™	'dexos2'	GEN1	5W-30	Optional for petrol non-turbo
Diesel	dexos2™	'dexos2'	GEN1	5W-30	Optional, as per owner's manual
		'Premium HP'	GEN1	5W-40	Recommended

Therefore, in summary:

- For petrol engines
 - Use dexos1™ GEN2 5W-30. ACDelco dexos1™ oil meets this specification.
 - * Transition service stock of dexos1™ GEN1 5W-30 to GEN2.
 - Avoid using dexos2™ specification oils in turbo petrol engines where a dexos1™ GEN2 is mandatory. This will help to avoid LSPI issues.
- For diesel engines:
 - Use dexos2™ GEN1 5W-40. ACDelco dexos2™ Premium HP oil meets this specification.
- This strategy supersedes any previously published material, including owner's manuals and service information.**

Part Numbers

Volume	dexos1™ GEN2	dexos2™ GEN1	Premium HP 5W-40 (now with dexos2™ approval)
1 Litre	19350776	19104983	19280522
5 Litre	19350777	19104984	19280523
20 Litre	19350778	19104985	19280524
205 Litre	9350779	19246956	19280525

Authorised by:

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Appendix 1 - Oil Options For Petrol Engines

The following table lists all past and present Holden petrol engine applications. As shown in the table, dexos1™ GEN2 5W-30 will meet the requirements of all the petrol variants (highlighted in green).

Model Year		Vehicle	Engine	Disp. (L)	Engine RPO	dexos 1™		dexos 2™		
Start	End					GEN1	GEN2	GEN1	GEN1	
						5W30	5W30	5W30	5W40 Prem HP	
MY05	MY09	Astra	AH	Z18XE/R	1.8	2H9/2HO	OM	R	OM	
MY05	MY09	Astra	AH	Z20LE	2.0 T	LU2/LPI		Mandatory	OM	
MY05	MY09	Astra	AH	Z22YH	2.2	LCH		R	OM	
MY15	MY16	Astra	PJ	Ecotec	2.0 T	LHU		Mandatory	OM	OM
MY15	MY16	Astra	PJ	MGE	1.6 T	LWC		Mandatory	OM	OM
MY17	Present	Astra	BK	MGE	1.6 T	LWC		Mandatory	OM	OM
MY17	Present	Astra	BK	SGE	1.4 T	LE2		Mandatory	OM	OM
MY06	MY11	Barina	TK	Family 1	1.6	LXT	OM	R	OM	
MY12	Present	Barina	TM	Family 1	1.6	LDE	OM	R	OM	
MY14	MY16	Barina	TM	Family O	1.4 T	LUJ		Mandatory	OM	
MY11	MY15	Barina Spark	MJ	Fam AB	1.2	LLO	OM	R		
MY07	MY10	Captiva	CG	HFV6	3.2	LU1	OM	R	OM	
MY11	MY18	Captiva	CG	Ecotec	2.4	LE5 / LE9	OM	R	OM	
MY11	MY18	Captiva	CG	HFV6	3	LF1 / LFW	OM	R	OM	
MY15	MY17	Cascada	CJ	MGE	1.6 T	LWC		Mandatory	OM	OM
MY08	MY12	Colorado	RC	HFV6	3.6	LCA	OM	R	OM	
MY06	MY11	Combo	XC	Z14XE	1.4	-	OM	R	OM	
MY00	MY17	Commodore	All	All	All	All	OM	R	OM	
MY18	Present	Commodore	ZB	HFV6	3.6	LGX		OM/Mandatory		
MY18	Present	Commodore	ZB	LGE	2.0 T	LTG		OM/Mandatory		
MY08	MY10	Cruze	JG	Family 1	1.8	2HO	OM	R		
MY11	MY16	Cruze	JH	Family 1	1.8	LUW	OM	R		
MY11	MY16	Cruze	JH	Fam O	1.4 T	LUJ		Mandatory	OM	
MY14	MY16	Cruze	JH	Fam 1	1.6 T	LLU	OM	Mandatory		
MY07	MY11	Epica	EP	X20D	2.5	LBM / LBK	OM	R	OM	
MY18	Present	Equinox	EQ	SGE	1.5 T	LYX		OM/Mandatory		
MY18	Present	Equinox	EQ	LGE	2.0 T	LTG		OM/Mandatory		
MY15	MY17	Insignia	GA	HFV6	2.8 T	LAU		Mandatory	OM	OM
MY13	MY16	Malibu	EM	Ecotec	2.4	LE9	OM	R		
MY16	Present	Spark	MP	SGE	1.4	LV7	OM	R		
MY06	MY09	Tigra	XC	Z18XE	1.8	2H9	OM	R	OM	
MY14	Present	Trax	TJ	Fam 1	1.8	2HO	OM	R		
MY15	Present	Trax	TJ	Fam O	1.4 T	LUJ		Mandatory	OM	
MY06	MY09	Viva	JF	Fam 1	1.8	LDA	OM	R	OM	
MY13	MY14	Voit	EV	FamO	1.4	LLU	OM	R		

Legend:

- OM = Oil currently listed in the owner's manual
- R = Recommended oil (but may not be listed in the owner's manual)
- Mandatory = Oil specification must be followed



Appendix 2 - Oil Options For Diesel Engines

The following table lists past and present Holden diesel engine applications. As shown in the table, Premium HP 5W-40 (with dexos2™ approval) will meet the requirements of all the diesel variants.

Model Year		Vehicle		Engine	Disp. (L)	Engine RPO	dexos 1™		dexos 2™	
Start	End						GEN1	GEN2	GEN1	GEN1
							5W30	5W30	5W30	5W40 Prem HP
MY05	MY09	Astra	AH	Z19DT	1.9 T	LRD/LPM			OM	R
MY07	MY10	Captiva	CG	VMM	2.0 T	LLW				OM / R
MY11	MY18	Captiva	CG	FamZ	2.2 T	LNQ			OM	R
MY13	MY14	Colorado	RG	XLDE	2.5 T	LWH			OM	R
MY13	MY13	Colorado	RG	XLDE	2.8 T	LWN			OM	R
MY14	MY16	Colorado	RG	XLDE	2.8 T	LWN			OM	Mandatory*
MY17	Present	Colorado	RG	XLDE	2.8 T	LWN			OM	R
MY18	Present	Commodore	ZB	LDE	2.0 T	LFS			OM	R
MY10	MY10	Cruze	JG	VMM	2.0 T	LLW				R
MY11	MY16	Cruze	JH	FamZ	2.0 T	LNP			OM	R
MY07	MY11	Epica	EP	X20S	2.0 T	LLW				R
MY18	Present	Equinox	EQ	MDE	1.6 T	LVL			OM	R
MY13	MY16	Malibu	EM	Fam B	2.0 T	LBS			OM	R

* Note: All MY14-MY16 Colorado must use dexos2™ GEN1 5W-40, as per field action A172101890-ZSUB. ACDelco dexos2™ Premium HP oil meets this specification.

Legend:

- OM = Oil currently listed in the owner's manual
- R = Recommended oil (but may not be listed in the owner's manual)
- Mandatory = Oil specification must be followed