

ADbase Approvals Obtained

A. North America – Passenger Car (PCMO)

▪ INFINEUM

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	0W-16	API SQ/ILSAC GF-7 B	P5907	IM1903057A	100% AD Base
	0W-20	API SQ/ILSAC GF-7 A		IM1903058A	
	5W-20	API SQ/ILSAC GF-7 A		IM1903059A	
	5W-30	API SQ/ILSAC GF-7 A		IM1903060A	
	10W-30	API SQ/ILSAC GF-7 A		IM1903061A	
	10W-40	ILSAC GF-7 A		IM2404936A	
	5W-40	ILSAC GF-7 A		IM2405786A	
	0W-20	Dexos 1 Gen 3	P5960/SV 265	IM2101122-E	100% AD Base
	5W-20	Dexos 1 Gen 3	P5960/SV 265	IM2200415-A	
	5W-30	Dexos 1 Gen 3	P5960/SV 265	IM2200119-A	

▪ ORONITE

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	0W-16	API SP/ILSAC GF-6B	OLOA 55600	OR-5817823-A	100% AD Base
	0W-20	API SQ/ILSAC GF-7A		OR-F80900M-A	
	5W-20	API SP/ILSAC GF-6A		OR-F75053V-A	
	5W-30	API SQ/ILSAC GF-7A		OR-F80906Q-A	
	10W-30	API SP/ILSAC GF-6A		OR-F75696C-A	
	5W-30	Dexos 1 Gen 3	OLOA 55603	OR-F82330Q-A	100% AD Base
	0W-20	Dexos 1 Gen 3		OR-F82328M-A	

▪ LUBRIZOL

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	0W-20	Dexos 1 Gen 3	LZ PV1550/ LZ-7075F	OS622033	100% AD Base
	5W-20			OS622410	
	5W-30			OS619610	
	0W-16	ILSAC GF-7B		OS646900	
	0W-20	ILSAC GF-7A		OS646355	
	5W-30	ILSAC GF-7A		OS647162	

▪ AFTON

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	0W-16	API SQ/ILSAC GF-7 B	HiTec 11455 / HiTec 5748	LBR-022536-A	100% AD Base
	0W-20	API SQ/ILSAC GF-7 A		LBR-022533-A	
	5W-20	API SQ/ILSAC GF-7 A		LBR-022537-A	
	5W-30	API SQ/ILSAC GF-7 A		LBR-022534-A	
	10W-30	API SQ/ILSAC GF-7 A		LBR-022538-A	
	5W-40	API SQ		LBR-022687-A	
	10W-40	API SQ		LBR-022535-A	
	0W-20	Dexos 1 Gen 3 API SQ/ ILSAC GF-7A	HiTec 11183 / HiTec 5754A	LBR-019397-D	100% AD Base 4/6
	5W-20	Dexos 1 Gen 3 API SQ/ ILSAC GF-7A		LBR-019861-D	
	5W-30	Dexos 1 Gen 3 API SQ/ ILSAC GF-7A		LBR-019669-D	
	0W-20	Dexos 1 Gen 3 API SP/ ILSAC GF-6	HiTec 11180 / HiTec 5754A	LBR-027226-A	100% AD Base 4/8
	5W-20	Dexos 1 Gen 3 API SP/ ILSAC GF-6		LBR-025064-A	
	5W-30	Dexos 1 Gen 3 API SP/ ILSAC GF-6		LBR-025923-A	
	0W-20	Dexos 1 Gen 3 API SQ/ ILSAC GF-7A	HiTec 11191 / HiTec 5748A	LBR-027176-A	Group II/ ADBase mix
	5W-30	Dexos 1 Gen 3 API SQ/ ILSAC GF-7A		LBR-025842-A	

▪ RICHFUL

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	0W-20	API SQ/ILSAC GF-7A	RF6190	RX230350517	
	0W-30	API SQ/ILSAC GF-7A		RX230350022	
	5W-20	API SQ/ILSAC GF-7A		RX230350557	
	5W-30	API SQ/ILSAC GF-7A		RX230350623	

B. European – Passenger Car (PCMO)

▪ ORONITE

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
Chevron Oronite	5W-30	API SQ, ACEA C2-23/C3-23, BMW LL-04, MB-229.31, 229.51, 229.52 Opel OV 0401547 (Gasoline & Diesel) Ford WSS-M2C961-A1, VWC 53034	OLOA 54530	OR-F74382Q-A	100% AD Base
	5W-40	API SQ, ACEA C3-23, MB-229.31, 229.51 Meeting Fiat 9.55535-S2, 9.55535-GH-2		OR-F80515R-B	
	5W-30	API SQ, ACEA C2-23/C3-23, MB-229.31, 229.51, 229.52, WSS-M2C961-A1, VWC 53034		OR-F78202Q-A	
	5W-30	API SQ, ACEA C3-23, MB-229.31, WSS-M2C961-A1, VWC 53034	OLOA 54530	OR-F77893Q-A	40% AD Base
	5W-40	API SQ, ACEA C3-23, MB-229.31, 229.51 Meeting Fiat 9.55535-S2, 9.55535-GH-2	OLOA 54530	OR-F78206R-A	100% AD Base
	5W-30	API SQ, ACEA C2-23/C3-23, MB-229.31, 229.51, 229.52, WSS-M2C961-A1, VWC 53034		OR-F80515Q-A	
	5W-30	API SQ, ACEA C3-23, MB-229.31, WSS-M2C961-A1, VWC 53034	OLOA 54530	OR-F80517Q-A	50% AD Base
	0W-20	API SQ, ACEA C5-21	OLOA 54530	OR-F80515M-A	100% AD Base
	0W-30	API SQ, ACEA C2-21, WSS-M2C963-A1, VWC 53034		OR-F80515Z-A	
	5W-30	API SQ, ACEA C2/C3-23, MB 229.31, 229.51	OLOA 54520	OR-F84022Q-A	100% AD Base
	5W-30	API SQ, ACEA C2/C3-23, MB 229.31, 229.51, 229.52, 226.52, Renault RN 17, PSA B71 2290		OR-F83358Q-A	
	5W-40	API SQ, ACEA C3-23, MB 229.31		OR-F84022R-A	
	0W-20	API SQ, ACEA C5-21		OR-F84022M-A	
	0W-30	API SQ, ACEA C2-21		OR-F84022Z-A	
	5W-20	API SQ, ACEA C2-21		OR-F84022V-B	

▪ C. Heavy Duty - HDDEO

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
INFINEUM	5W-30	API CK-4/SP, Cummins CES20086, DFS 93K222, VDS-4.5/EO-S 4.5/ RLD-3, ACEA E11-22, ACEA E7-22, ACEA E8-22 DQC IV-18 LA, MB 228.51/52, MAN M3775 MTU 3.1 &2.1	D3339/SV603	IME2100282-R	100% AD Base
	5W-30	API FA-4/SP Cummins CES 20087, DFS 93K223		IME2100282-S	

▪ D. Industrial

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
LANXESS	Turbine oil 32	Siemens TLV901304	RC 9321D		Including gear box requirement
	Turbine oil 46	Siemens TLV901305			

▪ E. Axle

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
AFTON	75W-90	SAE J2360	HITEC 33300/3301	GO-14076-0501	100% AD Base

▪ F. ATF

Additive Company	Viscosity Grade	Service Category	Additive Package	Oil Code	Comment
	INFINEUM	GM DEXRON-VI	T4772	IM1802390-A-001	100% AD Base
	AFTON	GM DEXRON-VI	HiTec 3491LV	AT-013140-07-06	