

RECOMMENDED
TOTAL QUARTZ ENGINE OILS



2019 LUBRICANT CHART
EUROPE

✓ Compatible with performance requirements.

CAR MODEL	MODEL CODE	FUEL TYPE	ENGINE CODE	DISPLACEMENT	ENGINE TYPE	 QUARTZ INEO HKS 0W-30	 QUARTZ 9000 ENERGY HKS G-310 5W-30	 QUARTZ 9000 FUTURE NFC 5W-30	 QUARTZ 9000 5W-40	 QUARTZ INEO HKS D 5W-30	 QUARTZ INEO MC3 5W-30
 KIA PICANTO/ MORNING	JA	GASOLINE	KAPPA	1.0 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.2 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.0 L	T-GDI	✓	✓	✓	✓		
		FLEXIBLE FUEL VEHICLE	KAPPA	1.0 L	FLEXFUEL	✓	✓	✓	✓		
 KIA RIO	SC	GASOLINE	KAPPA	1.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		FLEXIBLE FUEL VEHICLE	GAMMA	1.6 L	FLEXFUEL	✓	✓	✓	✓		
	YB	DIESEL	U-II	1.4 L	DIESEL	✓				✓	✓
		GASOLINE	KAPPA	1.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.2 L	NA MPI	✓	✓	✓	✓		
 KIA CERATO/ FORTE/ K3	YD	GASOLINE	KAPPA	1.4 L	NA MPI	✓	✓	✓	✓		
		DIESEL	U-II	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	NU	1.8 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
 KIA CERATO/ FORTE	BD	GASOLINE	NU	2.0 L	GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		DIESEL	NEW U	1.6 L	DIESEL	✓				✓	✓
	BDM	GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
 KIA ALL-NEW OPTIMA	JF	DIESEL	U-II	1.7 L	DIESEL	✓				✓	✓
		DIESEL	NEW U	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	THETA II	2.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	THETA II	2.4 L	GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	THETA II	2.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
 KIA CADENZA/K7	YG	GASOLINE	LAMBDA II	3.3 L	GDI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.3 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.3 L	GDI	✓	✓	✓	✓		
 KIA DUORIS/K9	KH	GASOLINE	LAMBDA II	3.8 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.8 L	GDI	✓	✓	✓	✓		
		GASOLINE	TAU	5.0 L	GDI	✓	✓	✓	✓		
 KIA K900	RJ	GASOLINE	LAMBDA II	3.3 L	GDI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.8 L	GDI	✓	✓	✓	✓		
		GASOLINE	TAU	5.0 L	GDI	✓	✓	✓	✓		
 KIA CEE'D	CD	DIESEL	NEW U	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	KAPPA	1.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.4 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
 KIA CEE'D / CEE'D GT / PRO CEE'D GT / CEE'D SW	CK	GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		DIESEL	R	2.2 L	DIESEL	✓				✓	✓
		GASOLINE	THETA II	2.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.3 L	T-GDI	✓	✓	✓	✓		
 KIA CEE'D / CEE'D GT / PRO CEE'D GT / CEE'D SW	JD	DIESEL	U-II	1.4 L	DIESEL	✓				✓	✓
		DIESEL	U-II	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	KAPPA	1.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	GDI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
 KIA STONIC	YB CUV	DIESEL	NEW U	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	KAPPA	1.0 L	T-GDI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.2 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	KAPPA	1.4 L	NA MPI	✓	✓	✓	✓		
 KIA NIRO	DE HEV/ PHEV	GASOLINE	KAPPA	1.6 L	NA MPI	✓	✓	✓	✓		
 KIA SOUL	PS	DIESEL	U-II	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	GDI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
 KIA CARENS RONDO	RP	GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
		DIESEL	U-II	1.7 L	DIESEL	✓				✓	✓
		GASOLINE	GAMMA	1.6 L	GDI	✓	✓	✓	✓		
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
 KIA CARNIVAL SEDONA	YP	GASOLINE	NU	2.0 L	GDI	✓	✓	✓	✓		
		DIESEL	R	2.2 L	DIESEL	✓				✓	✓
		GASOLINE	LAMBDA II	3.3 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.3 L	GDI	✓	✓	✓	✓		
 KIA SPORTAGE	QL	DIESEL	R	2.0 L	DIESEL	✓				✓	✓
		GASOLINE	THETA II	2.4 L	GDI	✓	✓	✓	✓		
		GASOLINE	NU	2.0 L	NA MPI	✓	✓	✓	✓		
		DIESEL	NEW U	1.6 L	DIESEL	✓				✓	✓
		DIESEL	U-II	1.7 L	DIESEL	✓				✓	✓
		GASOLINE	GAMMA	1.6 L	GDI	✓	✓	✓	✓		
 KIA SORENTO	UM	GASOLINE	GAMMA	1.6 L	T-GDI	✓	✓	✓	✓		
		DIESEL	R	2.0 L	DIESEL	✓				✓	✓
		DIESEL	R	2.2 L	DIESEL	✓				✓	✓
		GASOLINE	THETA II	2.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	LAMBDA II	3.5 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	THETA II	2.4 L	GDI	✓	✓	✓	✓		
 KIA BORREGO / MOHAVE	HM	GASOLINE	THETA II	2.0 L	T-GDI	✓	✓	✓	✓		
		DIESEL	S	3.0 L	DIESEL	✓				✓	✓
		GASOLINE	LAMBDA	3.8 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	TAU	4.6 L	NA MPI	✓	✓	✓	✓		
 KIA VENG	YN	DIESEL	U-II	1.4 L	DIESEL	✓				✓	✓
		DIESEL	U-II	1.6 L	DIESEL	✓				✓	✓
		GASOLINE	GAMMA	1.4 L	NA MPI	✓	✓	✓	✓		
		GASOLINE	GAMMA	1.6 L	NA MPI	✓	✓	✓	✓		