



TECHNICAL DATA SHEET

GOLD K SYNTHETIC



APRIL GOLD K SYNTHETIC is a superior quality 100% synthetic CK-4 diesel engine oil made with APRIL NANO 1TM lubricant technology for unsurpassed engine protection, improved fuel economy and easy cold temperature start-up. Available in three SAE viscosity grades.

0W-40 & 5W-40 HOMOLOGATIONS-SPECIFICATIONS: **ACEA** E9-2012, E7; **API** CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4; **API** SN, SM, SL, SJ; **Caterpillar** ECF-1A/2/3; **Chrysler** MS 10902; **Cummins** CES 20086, CES 20081; **Detroit Diesel** DFS 93K222, DFS 93K218; **Ford** WSS M2C171-F1; **JASO** DH-2; **John Deere** JDQ 78A; **Mack** EOS-4.5, EO-O Premium Plus, EO-M/N; **MAN** M3575; **Mercedes** MB 228.31 (DTFR 15C100); **MTU** Category 2.1; **Renault** RLD-4, RLD-3; **Volvo** VDS-3/4/4.5

5W-30 HOMOLOGATIONS-SPECIFICATIONS: **ACEA** E9-2012, E7; **API** CK-4, CJ-4; **Caterpillar** ECF-3; **Cummins** CES 20086; **Detroit Diesel** DFS 93K222, DFS 93K218; **Ford** WSS M2C171-F1; **JASO** DH-2; **Mack** EOS-4.5; **Mercedes** MB 228.31 (DTFR 15C100); **MTU** Category 2.1; **Volvo** VDS-4.5

GRADE	FORMAT	LITRES	CODE
0W-40	quart	12 x 0.946 L	12-SYN0W40D-SF
	5 litres	3 x 5 L	15-SYN0W40D-SF
	pail	18.9 L	18.9-SYN0W40D-SF
	drum	205 L	205-SYN0W40D-SF
	tote	1,000 L	900-SYN0W40D-SF
	bulk	bulk	100-SYN0W40D-SF
5W-30	5 litres	3 x 5 L	15-SYN5W30K-SF
	pail	18.9 L	18.9-SYN5W30K-SF
	keg	60 L	77-SYN5W30K-SF
	drum	205 L	205-SYN5W30K-SF
	tote	1,000 L	900-SYN5W30K-SF
	bulk	bulk	100-SYN5W30K-SF
5W-40	quart	12 x 0.946 L	12-SYN5W40K-SF
	5 litres	3 x 5 L	15-SYN5W40K-SF
	pail	18.9 L	18.9-SYN5W40K-SF
	keg	60 L	77-SYN5W40K-SF
	drum	205 L	205-SYN5W40K-SF
	tote	1,000 L	900-SYN5W40K-SF
	bulk	bulk	100-SYN5W40K-SF
	bulk	bulk	100-SYN5W40K-SF

PROPERTY	METHOD	VALUE		
		0W-40	5W-30	5W-40
color	ASTM D1500	3.5	3.2	3.5
kinematic viscosity @ 40 °C (cSt)	ASTM D445	84.13	69.9	88.7
kinematic viscosity @ 100 °C (cSt)	ASTM D445	14.27	11.6	14.4
CCS viscosity (cP @ °C)	ASTM D5293	6,080 (-35)	6,330 (-30)	6,260 (-30)
MRV viscosity (cP @ °C)	ASTM D4684	32,187 (-40)	21,600 (-35)	31,300 (-35)
HTHS viscosity (cP)	ASTM D4683	3.5	3.5	3.9
viscosity index	ASTM D2270	176	161	169
flash point (°C)	ASTM D92	228	215	218
pour point (°C)	ASTM D97	-51	-42	-42
TBN (mg KOH/g)	ASTM D2896	11.0	11.1	11.0
NOACK (%)	ASTM D5800	13	12	12

