APRIL TECHNICAL DATA SHEET

EP SYNTHETIC

APRIL EP SYNTHETIC GEAR OIL is a superior quality EP (Extreme-Pressure) gear oil made with polyalphaolefin (PAO) base oil and APRIL NANO 1™ lubricant technology for unsurpassed protection and performance. Recommended for industrial gears operating under severe conditions. Available in four ISO viscosity grades.

SPECIFICATIONS: **AGMA** 9005-D94/EO2 EP; **AIST (US Steel)** 224; **DIN** 51517-3; **GM** LS-2; **ISO** 12925-1 CKC/CKD

GRADE	FORMAT	LITRES	CODE
ISO 150	pail	18.9 L	18.9-SYNEP150-SF
	drum	205 L	205-SYNEP150-SF
ISO 220	pail	18.9 L	18.9-SYNEP220S
ISO 320	pail	18.9 L	18.9-SYNEP320
ISO 6800	keg 0	60 L	60-EP6800

PROPERTY	METHOD	VALUE			
		150	220	320	6800
color	visual	amber	amber	amber	amber
AGMA grade (EP)	ASTM D2422	4	5	6	-
density @ 15 °C (kg/l)	ASTM D4052	0.8523	0.8535	0.8552	0.8900
kinematic viscosity @ 40 °C (cSt)	ASTM D445	152	215	325	6,800
kinematic viscosity @ 100 °C (cSt)	ASTM D445	19	26	38	240
viscosity index	ASTM D2270	150	160	160	140
flash point (°C)	ASTM D92	250	250	250	280
pour point (°C)	ASTM D97	-40	-40	-40	-9
rust protection	ASTM D665A	pass	pass	pass	pass
copper protection	ASTM D130	pass	pass	pass	pass
anti-foaming	ASTM D892	pass	pass	pass	pass
four ball wear (mm)	ASTM D4172	0.30	0.30	0.30	0.30
four ball EP weld point (kg)	ASTM D2783	250	250	250	250
load wear index	ASTM D2783	47	47	47	50
Timken OK load (lbs)	ASTM D2782	60	60	60	60
FZG failure load stage	ASTM D5182	12	12	12	12

APRIL NANO1™
LUBRICANT TECHNOLOGY

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