

BIO-VEGETAL CHAIN SAW OIL



APRIL BIO-VEGETAL CHAIN SAW OIL is a superior quality readily biodegradable lubricant (>80% in 28 days) made from vegetal oil, environmentally friendly zinc free additives and APRIL NANO 1™ lubricant technology for unsurpassed protection and performance. It has excellent tackiness and shear resistance for effective high speed chain lubrication. Recommended for chainsaws operating under severe winter conditions in areas sensitive to environmental pollution, such as on or near water and aquifers, near water treatment plants, on farmland, in forests and endangered species' habitats. Available in a winter grade.

HOMOLOGATIONS: **Blue Angel** (RAL-UZ 178); **EU Ecolabel** (DE/027/219); **Vessel General Permit** (VGP)

FORMAT	LITRES	CODE
pail	18.9 L	18.9-ECOCSO-SF
drum	205 L	205-ECOCSO-SF
tote	1,000 L	900-ECOCSO-SF

PROPERTY	METHOD	VALUE
color	ASTM D1500	3
ISO viscosity grade	DIN 51519	50
density @ 15 °C (kg/l)	ASTM D4052	0.9239
kinematic viscosity @ 40 °C (cSt)	ASTM D445	50.0
kinematic viscosity @ 100 °C (cSt)	ASTM D445	11.2
viscosity index	ASTM D2270	225
flash point (°C)	ASTM D92	308
pour point (°C)	ASTM D97	-36
four ball EP weld point (N)	DIN 51350	2000/2200
stringiness (mm)	KHM 006	130
Brugger load capacity (N/mm2)	DIN 51347	40
renewable raw material content (%)	ASTM D6866	100
biodegradability in 28 days (%)	OECD 301B	>80

