United Oil
PERFORMANCE • VALUE • RELIABILITY

UNITED CHAIN AND BAR OIL

Product Description:

United Chain and Bar Oil is a tacky lubricant designed for lubrication of the chain, bar and sprocket on all types of chainsaws and chain driven machinery. It is formulated with high quality paraffinic base oils and additives to optimize performance. Anti-wear agents reduce metal-to-metal contact wear between the drive sprocket, the bar guide and the moving chain. Highly effective tackiness agent to resist throw-off during operation. Tight control of viscosity allows for better calibration of oiling rates, and cleaning agents reduce the amount of pitch build-up on various parts.

United Chain and Bar Oil is applicable for all brands of chain saws - including today's high performance and industrial saws, as well as older models. ISO 68(SAE 20) is recommended for winter conditions when temperatures are consistently below 0°C. ISO 100(SAE 30) is used for cool weather conditions of 15-0°C to help assure a proper flow from either hand operated or automatic chain oilers. ISO 150(SAE 40) is a good choice for use in mild climates and provides excellent wear protection under hot weather operating conditions.

Applications / Benefits:

- □ Tacky additives reduce throw or fling off
- □ Special additive system reduces wear of components
- □ Flushes chips, dust and sap from the working surfaces
- □ Blades remain sharper for longer periods
- □ Provides corrosion protection to chain and bar

Typical Characteristics:

Test Description	Method			
SAE Viscosity Grade	SAE J 300	**20**	**30**	**40**
ISO Viscosity Grade	-	**68**	**100**	**150**
Specific Gravity @ 15 ºC	ASTM D 4052	0.874	0.878	0.885
Flash Point, ºC	ASTM D 92	230	245	252
Pour Point , ºC	ASTM D 97	-27	-24	-12
Kinematic Viscosity, cSt @ 40ºC	ASTM D 445	67.3	107	151
cSt @ 100ºC	ASTM D 445	9.01	12.2	15.5
Viscosity Index	ASTM D 2270	108	105	104
Color	ASTM D 1500	<1.0	<1.0	<2.0

Product Data Sheet

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