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**TDS 048**

**SUBJECT: OIL SPECIFICATIONS**

**ENVIRONMENTAL & QUALITY MANUAL**  
*(in accordance with ISO 9001 & 14001)*

## VISCOL FORESTCUT 500 V CUTTERBAR LUBE

### Description and Characteristics:

Forestcut 500 has been developed for the lubrication of chain saw cutter bars. The correct viscosity ensures maximum film strength and flow characteristics are acceptable. A tackifier is used to minimise oil throw at very high chain speeds, EP additives minimise wear.

### Typical Physical Characteristics:

Viscosity cSt @ 40°C	100 - 150
Flash Point PMCC °C	252
Pour Point °C	-18
Specific Gravity	0.897

### Application:

Cutterbar lube performs an entirely different task to 2-stroke oils and therefore must **NOT** be put into the engine. In a chain saw, the chain is driven by the engine and travels at high speeds around a backing plate called the cutter bar. Pegs attached to the chain fit into a groove in the cutter bar. Forestcut 500 is placed into a tank contained in the main body of the saw. An engine driven pump supplies oil into the groove to lubricate the pegs/groove interface.

### Advantages & Benefits:

Good lubrication properties  
Excellent flow characteristics  
Minimum oil thrown  
Minimised wear

Experienced personnel from our Technical Division are available for discussion on all aspects. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for his/her own use.

The products discussed are sold without any warranties either expressed or implied, including warranties of merchantability and of fitness for particular purpose.

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