

# Saw Save

## MP Saw Blade Oil



### Features & Benefits

- Excellent adhesion
- Low oil consumption
- Long blade life
- Clean accurate cut
- Prevents corrosion
- Wide operation temperature range
- High stability
- Tacky to reduce throw-off
- Resists water wash away

**SAW SAVE** is a lubricant specially made for use in saw mills and particularly on saw blades where water is also used to cool the blades. **SAW SAVE** lubricates the saw blades, reduces friction and prevents sawdust, resins and gums from sticking to them.

**SAW SAVE** is made with high viscosity index (VI) paraffinic base oils, for their wide operating temperature range and stability containing additives to reduce friction and wear. These additives also help the oil resist the throw-off effect of high-speed saws.

In gang saws and band saws, the precision of the cut is important to reduce wastage and produce saleable lumber. To do this the blade passes through guides that have very close tolerances. The close fit causes rubbing friction, heat and wear which can be made worse if gums, resins and sawdust are allowed to stick to the saw blade. Some lubricants will reduce the friction and wear and keep the saw blade clean but the high blade speeds tend to throw off ordinary lubricants, leading to high oil consumption. In addition, water is usually sprayed onto the saw blade to cool it and this can prevent ordinary lubricants from sticking to the saw blade at all.

**SAW SAVE** will stick to the blades and resist the tendency of the water to wash it away. This also prevents rusting of the saws during shut-downs.

Some saw manufacturers prefer the technique of using soluble oils (oil-in-water emulsions) to both cool and lubricate the saw blades. This involves pre-mixing the oil and the water in a holding tank before spraying the emulsion onto the saw. In this case, consider using **SOLUBLE LIGHT #2**.

### Size & Order Codes

Saw Save 100	Saw Save 150	Saw Save 32
205L Drum (54.2 US gal) F0017850	205L Drum (54.2 US gal) F0014850	205L Drum (54.2 US gal) F0063050
1000L Cube (264 US gal) F0017860	1000L Cube (264 US gal) N/A	1000L Cube (264 US Gal) N/A
Bulk B0017801	Bulk B0017901	Bulk B0063001

### Typical Results

ISO GRADE	32	100	150
<b>VISCOSITY (D445)</b>			
cSt @ 40°C	33.3	100.7	150.9
cSt @ 100°C	5.6	11.5	15.0
<b>VISCOSITY INDEX (D270)</b>	106	101.0	99
<b>POUR POINT (°C) (D97)</b>	-9	-3	-6
<b>FLASH POINT (°C) (D93)</b>	198	206	201
<b>DENSITY (D4052) Kg/L 15°C</b>	0.8747	0.8848	0.8908



Blending & Packaging

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Supporting data available to demonstrate appropriate performance.  
Check with your Sales Representative for latest product approvals.  
Please note, these are typical performance indicators and can change without notice.  
This data sheet supersedes any previous version prior to 5/22/2018.