



MAYFREE 2033

Chlorinated Alkane Alternative

MAYFREE 2033 is the next generation of MAYFREE-branded products, providing lower viscosity, lighter color, milder odor, and higher performance to enhance ease of blending, end user acceptance, and higher machinability.

MAYFREE 2033 can be used in neat machining and metal forming oils, as well as in water dilutable coolants, on all ferrous and nonferrous alloys. In aqueous systems, in addition to AW/EP properties, it also provides corrosion inhibition and emulsion stability properties.

The suggested chlorinated alkane replacement level when using **MAYFREE 2033** is one part **MAYFREE 2033** to each two parts of chlorinated additive. Example – 5% **MAYFREE 2033** to replace 10% chlorinated alkane. However, our testing shows even more coverage is possible, with one part **MAYFREE 2033** providing equal to better performance than four parts chlorinated alkane.

Due to its elevated acid number, **MAYFREE 2033** is not compatible with overbased sulphonates.

TYPICAL PROPERTIES

Property	Result
Appearance	Clear Amber
Odor	Very Mild
Color, ASTM D-1500	2.0
Specific Gravity @ 60F	0.970
Viscosity @ 100°F, SUS	3500
Viscosity @ 210°F, SUS	215
Viscosity @ 40°C, cS	750
Viscosity @ 100°C, cS	46
Acid Value, mgKOH/g	110
Phosphorus %	4.0
Flash Point, COC, °F (°C)	>392 (>200)
VOC (ASTM E1868-10), g/L	1.187

MAYFREE 2033 exhibits excellent clarity and stability in Group I, II, III, and IV oils.

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