



SA -1084 Marine Gear Oil additive

DESCRIPTION

SA-1084 is specially designed as a Marine Gear Oil additive formulated to withstand substantial water contamination. When blended in marine gear oil, SA-1084 will display excellent extreme pressure test results while maintaining good corrosion, and foam resistance and antiwear performance.

DIRECTIONS FOR USE

Add from 6 to 10% of gear oil volume. Under usual circumstances SA-1084 creates a brownish coloring of the gears. This is not corrosion, but it is a visual indicator that the lube is reacting properly with the gear surface.

ASTM D1401 Water Separability Test



Lubri-lab SA-1084

Typical OEM
Aftermarket Fluid

Lubri-lab SA-1084 is formulated to emulsify up to 25% water, both fresh and saltwater, and remain in emulsion to ensure proper lubrication of the gears while protecting from rust and corrosion in the presence of this water.

The above information is true and precise to the best of our knowledge. All recommendations or suggestions are made without warranty since the circumstances and conditions are beyond our control.

For further information contact: **Lubri-Lab Inc.** : info@lubrilab.com

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PROPERTIES

Characteristics	ASTM Test Method	min	max	Typical Analysis
Physical				
Flash Point, °C.	D92	100	-	114
Specific Gravity @ 15.6°C.	D1298	0.99	1.08	1.04
Viscosity @ 40°C., cSt.	D445	-	-	100
Viscosity @ 100°C., cSt.	D445	-	-	13
Chemical				
Boron, %	-	-	-	0.01
Phosphorus, %	X-Ray	0.4	0.8	0.5
Sulfur, %	X-Ray	25	29	27

SA-1084 Bench Test Data

Formulation: 6.0 wt. % SA-1084 in ISO 220 HVI Base Oil Blend

Bench Test	Method	Results
Copper Corrosion	D 130	1b/2a
Falex EP, Proced. B, lbs.	D 3233	4000
Falex EP, Proced. B, lbs. - with 25% water	D 3233	3500
Four Ball EP -Weld, kg. -LWI, kg.	D 2783	315 53.8
Four Ball Wear, scar, mm. - 20 kg., 1800 rpm, 130°F., 1 hr.	D 4172	0.30
Steel Corrosion -A -B	D 665	Pass Pass
Timken OK Load, lbs.	D 2782	85
Viscosity Index	D 2270	95

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