

BIO-REEF

Renewable Base Oil

BIO-REEF 55/10 is a general application base oil built on a combination of bio-based and re-refined components. It's like API Group III base oils, but with the excellent solvent power of a naphthenic base oil. The product has high VI, low pour point, and low volatility.

Parameter		Method	BIO-REEF 55/10
Kinematic Viscosity	40°C (mm²/s)	EN ISO 3104	55
	100°C (mm²/s)	EN ISO 3104	10
Viscosity Index		ASTM D2270	171
Density 15°C (kg/m³)		ASTM D4052	879
Pour Point (°C)		ASTM D5950	-50
Flashpoint (°C)		ASTM D93	187
Aniline point (°C)		ASTM D611	70
Color		ASTM D1500	<1
Biobased Carbon Content		ASTM D6866	≥50 %
Recycled content		ISO 14021	>45 %
NOACK-volatility		ASTM D5800	7%



Environment & Safety

BIO-REEF 55/10 is unlabeled according to CLP. Estimated Product Carbon Footprint (cradle to gate) is 0.89 kg CO₂/kg giving a 50% reduction from virgin mineral oil.

Product Composition & Manufacturing

Unique combination of re-refined hydrocarbons and fatty acid derived materials. Miscible with Group I, II, III mineral oils and most esters. Developed and manufactured by Biobase Sweden AB.

Packaging/Delivery

208L Drum, 1000L IBC, BULK