

The Performance Advantage

“...engineered balance”

Properly cooling the oil in any air/oil cooled engine is imperative to optimal performance and component longevity. Cool oil helps engines last longer...it’s as simple as that! However, merely cooling your bike’s vital fluid is not enough. It has become increasingly important on modern v-twins to consider oil cooling from a **systems approach**. Superior performance doesn’t make much sense if pressure drop hinders the delivery of the cool oil to the internal components of the motor that require cooling and lubricating. The Jagg philosophy has always been to provide the highest quality oil coolers and components with an **engineered balance** between performance and oil flow.

“...engineered performance”

Decades of experience with motorcycle engine oil cooling, along with the technical expertise gathered from countless checkered flags at the top levels of professional racing, allow Jagg an exclusive position. When quality, style, and performance are equal goals the importance of a **systems approach** becomes apparent. The results of recent performance and oil flow tests confirm the Jagg philosophy. Notably, the Jagg oil cooler achieves maximum cooling effectiveness with significantly less restriction than its nearest competitor (figure 1). Only the purchase of Jagg branded oil cooling products insure you’ve invested in the Jagg **engineered performance** philosophy.

JAGG 10-row cooler				Nearest competitor 8-row cooler			
Entry pressure		Inner circuit		Entry pressure		Inner circuit	
1.0		bar		1.0		bar	
oil flow rate	Pressure drop	Temp In	Temp Out	Flow rate	Pressure drop	Temp In	Temp Out
gpm	(psi)	(°F)	(°F)	gpm	(psi)	(°F)	(°F)
0.750	1.000	230.0	207.0	0.750	2.500	230.0	206.0
1.500	2.000	230.0	214.0	1.500	5.000	230.0	214.0
2.500	3.000	230.0	217.0	2.500	10.000	230.0	218.0

Figure 1.