

ELITE RACE™ SOLID ROLLER LIFTERS

If you're looking for the ultimate lifter to withstand even the most demanding racing conditions, look no further. The COMP Cams® new Elite Race™ Solid Roller Lifters feature a host of advantages over competing race lifter designs, including an SAE 8620 stainless steel alloy body that is CNC-machined and REM-finished, SAE 9310 steel alloy wheels that are micro-polished and micro-sized, and needles that are made from 52100 bearing steel and micro-sorted with a controlled contour profile.

These lifters feature an exclusive body design that does not include an oil band, thus maximizing rigidity and reducing lifter bushing wear. While the construction and body design make them incredibly strong, the Elite Race™ Solid Roller Lifters are also lightweight, with each lifter weighing less than 100 grams individually. All lifter bodies are "tall" and will clear both stock and aftermarket .300" tall lifter bores and will properly fit either 5/16" or 3/8" ball pushrods.

Possibly the most critical element of this lifter design is the fact that the oversized (.400") axles are dual-pinned – pins go through the lifter ears at each end and leave a small gap in-between for wear-reducing oiling that actually flows through the center and the top of the axle directly to the needles.

For maximum control and durability in high rpm race applications, these lifters also feature captured link bars and an exclusive modular pushrod design that allows the pushrod insert to be swapped out for centered, left or right offsets. And with patent-pending oil control through the pushrod insert, engine builders can modify the lifter to meter extra oil to the top as desired.

Elite Race™ Solid Roller Lifters are fully heat-treated, machined to high tolerances and are available for a number of Chevy, Ford and Chrysler applications. A complete application listing is on the following page, but look for new applications at www.compcams.com.

Modular Design – Pushrod insert can be changed for centered, left or right offsets. A patent-pending design allowing oil control through the pushrod insert allows builders to modify lifters to meter extra oil to the top.

Tool Steel, Dual-Pinned Axles – .400" Axles (extra large for maximum load support) allow for extra needle bearings (total of 23) for optimum load distribution. Needles are constructed from 52100 bearing steel and are micro-sorted with a controlled contoured profile. Dual-pinned axles are pinned through the lifter ears on both sides to allow oiling between them.

Pressure-Fed Oiling – Center and top axle oil inlets for lubrication through the axle, directly to the needles – exactly where you need it.

Captured Link Bars – Designed specifically for race and high rpm applications, captured link bars offer maximum control and durability.



DESIGNED FOR STABILITY

With captured link bars and a COMP® exclusive dual pinned axle to interlock with the lifter body, you get unmatched valve train stability.



INNOVATIVE OILING DESIGN

Interchangeable pushrods seats (offsets available) enable customized oil flow, while the EDM oiling hole feeds oil directly to the needle bearings.



UNMATCHED STRENGTH

With the industry's largest axle (.400") and the highest grade roller bearings in the world, these lifters are second-to-none in load capacity.

Elite Race™ Solid Roller Lifters have set the industry standard with their unique design and oiling capabilities.