



**Product: BR-30**

**Type: Petroleum Based Break-In Oil**

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## Why Use Joe Gibbs Racing Oil?

Joe Gibbs Driven Racing Oil is formulated specifically for racing engines. Today's passenger car motor oils are formulated to be compatible with your street car's emission control equipment, and Federal EPA requirements have led to a reduction in formulated anti-wear chemistries like Zinc, Phosphorus and Sulfur in API rated engine oils. As a result, the oil you buy today is not the same as it was 10 years ago. While this is good for your street car, it is bad news for your racing engine.

Racing engines see more RPM, higher loads and increased temperatures compared to street engines, so a racing engine requires higher levels of Zinc, Phosphorus, Sulfur and other additives to prevent premature part failure. This is especially true in flat-tappet engines. Joe Gibbs Driven Racing Oil contains all of the correct additives, like Zinc, Phosphorus and Sulfur in addition to the highest quality base oils to protect your engine. Our NASCAR championship winning formula protects our 9,000 RPM, Flat-Tappet engines for over 500 miles of competition, and our oils are used by other championship winning engine builders to conquer the grueling 24 hours of Daytona and the Baja 1000. We offer a variety of oil viscosities to fit various engine builds and operating temps. Insert API donut and zinc, phosphorus and sulfur content comparison graph.

## Is This The Right Oil For My Application?

Specifically designed for breaking in engines and flat tappet camshafts and lifters, BR-30 break-in oil provides high levels of Zinc, Phosphorus and Sulfur in a mineral base oil. BR-30 protects flat-tappet camshafts and lifters during break-in and it provides excellent ring seal. Combined with Joe Gibbs Driven Engine Assembly Grease, BR-30 provides the highest levels of protection for camshafts, lifters, wrist pins, distributor gears, push rods and valve retainers. BR-30 is fully formulated and requires no EOS or other additives. Because it is a 10W-30, BR-30 works well in wet sump and low temperature applications. It also works well in OEM rebuilds and tight clearance applications. BR-30 can be used for up to 2 hours of break-in/dyno time or 400 miles on the street before changing to an XP series race oil or Hot Rod oil.

### BR-30 Petroleum Based Break-In Oil Product Information:

#### Typical Physical Characteristics

PARAMETER	TEST METHOD	VALUE
Pounds per U.S. gallon at 15.6°C	----	7.27
Specific Gravity at 15.6°C	ASTM D1298	0.873
Viscosity at 40°C, cSt	ASTM D445	57
Viscosity at 100°C, cSt	ASTM D445	9.9
Viscosity Index	ASTM D2270	161
Cold Cranking Viscosity at -30°C, cP	ASTM D5293	5200
Flash Point (PMCC), °C	ASTM D93	195
Pour Point, °C	ASTM D97	-33

\* Use Joe Gibbs Driven Engine Assembly Grease to pre-lube cams and lifters along with BR break-in oil for maximum flat-tappet break-in performance.