

## **V.I. Plus**

High Performance Racing  
Engine Oil  
No. 402

SAE 20w/50

### **DESCRIPTION:**

**V.I. Plus Racing Engine Oil No. 402 20w/50** is the ultimate in multi-grade racing engine oils. **V.I. Plus Racing Engine Oil 20w/50** is a premium quality SJ Plus/SH crankcase oil compounded with Frontier's exclusive extender additive package ETX. This product is superior to all other racing engine oils on the market for heavy-duty gasoline racing engines requiring a 20w/50 engine oil. **V.I. Plus Racing Engine Oil 20w/50** is a **14 TBN** (Total Base Number), **150 VI** (Viscosity Index) multi viscosity formulation with excellent protection against wear, sludge and carbon deposits resulting from high temperature, high RPM and high torque racing operation. **V.I. Plus Racing Engine Oil 20w/50** is specifically designed for high horse power 4 cycle coolant and air cooled engines.

### **PERFORMANCE CHARACTERISTICS:**

**V.I. Plus Racing Engine Oil 20w/50** is a blend of the highest quality Group II+ and Synthetic base oils and selected additives. The high levels of Zinc (**ZDDP**) anti-wear additive in **V.I. Plus Racing Engine Oil 20w/50** minimizes wear and scuffing of metal surfaces under heavily loaded conditions. The detergent-dispersant additives protect against varnish and carbon deposits. The anti-oxidant additive provides excellent resistance to oil thickening (oxidation) at the high temperatures encountered in modern racing engines.

**V.I. Plus Racing Engine Oil 20w/50** contains selected alkaline additives, which give a much higher **TBN** than regular SJ engine oils. This higher **TBN** provides much better protection against the formation of acidic compounds formed during combustion in high compression racing engines than conventional racing engine oils. It also has a much higher **VI** than conventional oils. This benefit provides better low temperature and high temperature performance than regular racing engine oil.

### **SUMMARY:**

**V.I. Plus 20w/50** Engine Oil provides the following advantages:

- \* Meets or exceeds the performance requirements of current and proposed engine oil specifications
- \* Protects engines from wear and deposits
- \* Resists soot-related viscosity increase
- \* Extends engine life
- \* Improves engine durability, keeping equipment in as new condition

### **PERFORMANCE CAPABILITIES:**

Meets and exceeds the following performance requirements:

API: SJ, SH, SG

**TYPICAL SPECIFICATIONS:**

<b>SAE GRADE:</b>	<b>20w/50</b>
Viscosity @ 100°C, cSt:	18.0
Viscosity @ 40°C, cSt:	175
Viscosity Index:	160
Gravity, ° API:	29.6
Flash Point, COC, °F:	500
Pour Point, °F:	-15
TBN, ASTM D-2896:	14
Oxidation Stability:	Exceeds Requirements
Rust and Corrosion:	Exceeds Requirements
Anti-Wear Protection:	Exceeds Requirements

Values shown here are typical, and may vary.

**PERFORMANCE PRODUCTS GUARANTEED**

P.O. BOX 1777 • LODI • CA 95241 • (209) 334-6353 • (800) 807-4496 • [www.FrontierLubricants.com](http://www.FrontierLubricants.com)