

## **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**

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