

VCS TT 33

VCS TT 33 is a premium ashless metal deactivator and corrosion inhibitor which is soluble in mineral and synthetic base stocks.

Composition	Tolytriazole derivatives
EC No.	939-700-4

TYPICAL CHARACTERISTICS

Property	Unit	Typical Value	Test Method
Appearance	-	Clear yellowish to brown liquid	Visually
Density (@ 25°C)	-	0.94 – 0.96	QCD/TM/77
	-	L 1.5	ASTM D 1500
Viscosity (@ 40°C)	cSt	20.0 – 90.0	QCD/TM/208
Viscosity (@ 100°C)	cSt	4.0 – 6.0	QCD/TM/208
Flash Point, PMCC	°C	125.0 min.	ASTM D 92 – 02b

RECOMMENDED TREAT RATE

Dosage: 0.05 - 0.2%

Addition of VCS YALUB TT 33 in small quantities can offset the detrimental effect of sulfur in oil and grease.

RECOMMENDED BLENDING, HANDLING & STORAGE CONDITIONS

Store in a cool and dry place. Stable for up to 24 months from the date of manufacturing when stored in the original packing material in a cool and dry environment.

PACKAGING

Available in 200 Kgs Drum

NOTE: Values indicated are typical physical properties and are not specification limits. Seller offers no warranty, expressed or implied, concerning the suitability of this product for any particular purpose.



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Test	No Additive	0.05 % VCS TT 33
Base Oil	VG 32* + 100 ppm sulfur**	VG 32 + 100 ppm Sulfur
ASTM D 130 100° C 3 h	4 b	1 a



*Solvent refined paraffinic Gr 1 oil. **Elemental sulfur

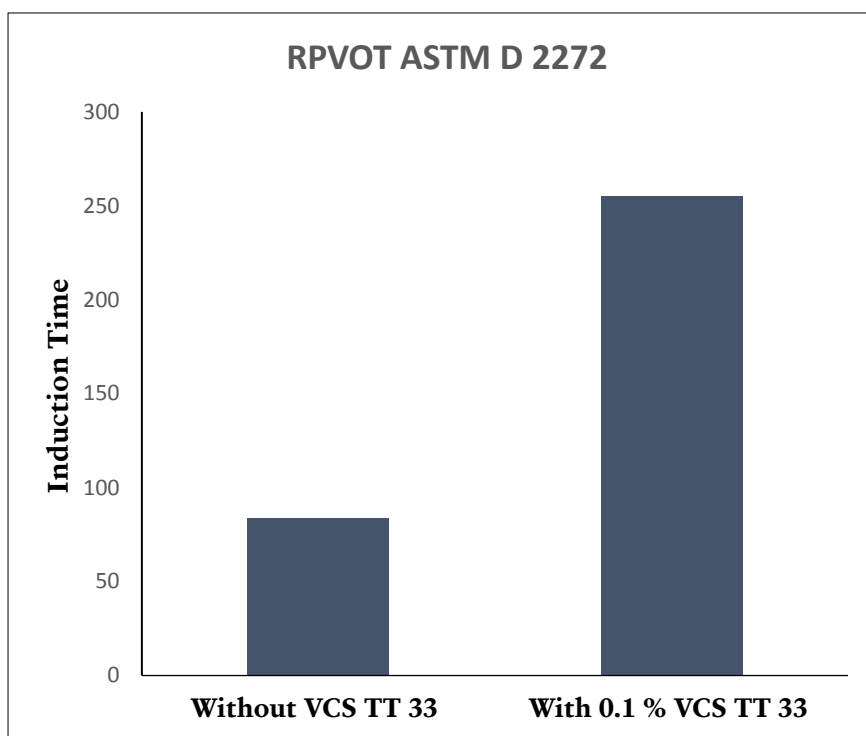
Test	No Additive	0.05 % VCS TT 33
Grease	12-OH Li Grease + 3% Yalub SIB	12-OH Li Grease + 3% Yalub SIB
ASTM D 130 100° C 3 h	4 c	1 b

VCS TT 33 inhibits oxidation by chelating metal ions which catalyze oxidative degradation.

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Base oil VG 32 + 0.2% of alkylated diphenylamine (VCS BODPA)

Storage:

Store at room temperature away from moisture and sunlight.

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