



## **SIDDHI TRADE ENTERPRISE**

### **Engine Oil Additive – 4T Gasoline**

### **TECHNICAL DATA SHEET**

#### **INTRODUCTION**

4T GASOLINE ENGINE OIL ADDITIVE is a multifunctional additive for use in formulating Four Stroke Gasoline Engine Oils.

It is detergent additive package possessing excellent thermal oxidation stability characteristics. It has been developed to fulfill the severe requirements of lubricating oil for FOUR STROKE engines. Finished oils containing the recommended concentration of 4 T GASOLIN ADDITIVE exceed the engine test performance requirements for API Classification. It is designed to meet the lubricating performance requirements for four stroke cycle gasoline engines. 4 T gasoline additive contains Zinc Dithiophosphate in order to meet JASO T903:2006 Phosphorus requirements (0.08% min)

#### **FORMULATIONS**

It is a performance package for the formulation of single and multigrade four stroke Gasoline engine capability. Rationalisation is possible to both higher and lower performance levels.	
Performance Level	4 T Gasoline additive, mass%
API SL / JASO MA2	6.2
API SJ	5.7
API SG	5.1

## TYPICAL PROPERTIES

➤ TBN, mg KOH/g	110
➤ Density, g/cm <sup>3</sup>	1.0050
➤ Viscosity, mm <sup>2</sup> /s(cSt)	105
➤ Flash (COC), °C	165

## 4T GASOLINE ENGINE OIL ADDITIVE

### CERTIFICATE OF ANALYSIS

TEST	PROCEDURE	MIN	MAX	RESULT
Specific Gravity @ 15.6° C	GL-GR-1	0.99	1.056	1.02
Viscosity @ 100° C., cst	ASTM D 445	85		110
Color, ASTM Dilute	ASTM D 1500	3	5	4.0
Magnesium	ASTM D 4951	2.7	2.95	2.83
Nitrogen	ASTM D 5291	0.38	0.62	0.45
Phosphorus	ASTM D 4951	1.3	1.5	1.37
Zinc	GL-AAE-3	1.4	1.7	1.52
Flash point, ° C., PMCC	ASTM D 93	165		175
TBN	GL-NN-29D	115	130	120

On behalf of [Siddhi Trade Enterprise](#), we are pleased to have the opportunity to work with you and we look forward to establishing a solid, mutually beneficial business relationship.

**Please feel free to contact us for further details. Assuring you our best services.**

**SIDDHI TRADE ENTERPRISE**

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