



PETROTM OIL

LubenzAdd[®] 5019 (HV)

HEAVY DUTY DIESEL ENGINE OIL ADDITIVE

❖ **PRODUCT INTRODUCTION:**

LubenzAdd 5019 is a mainstream diesel engine oil additive. It provides high quality and stable performance for heavy duty diesel engine. The product contains optimized combination of dispersant, antioxidant, excellent detergent, and has excellent wear resistance. Its effective protection of the engine prolongs the oil service life.

❖ **RECOMMENDED DOSAGE:**

API PERFORMANCE LEVEL	SAE VISCOSITY GRADE	TREAT RATE.
CF-4	10W30, 15W40	7.8 %
CH-4	10W30, 15W40	8.2 %
CI-4	10W30, 15W40	10.10 %
CI-4 Plus	10W30, 15W40	10.90%

❖ **PRODUCT QUALITY CHARACTERISTICS & TEST METHOD:**

PROPERTIES	TEST METHOD	TYPICAL VALUES
Appearance	Visual Inspection	Dark Brown Clear Liquid
Calcium Content, %wt.	ASTM D4951	2.50
Zinc Content, %wt.	ASTM D4951	1.40
Phosphorus % wt.	ASTM D4951	1.13
Molybdenum % wt.	ASTM D4951	0.03
Boron % wt.	ASTM D4951	0.40
Magnesium % wt.	ASTM D4951	0.50
Nitrogen, %.	ASTM D 2868	0.70
Flash Point	ASTM D92	180
TBN, mg KOH/gm	ASTM D2896	95
Kinematic Viscosity, CST at 100°C	ASTM D 445	188

❖ **PRODUCT STORAGE / HANDLING / TRANSPORTATION / PACKAGE:**

The Storage temperature should not exceed 50°C the loading / unloading and blending temperature should not exceed 60°C. It is not flammable, not explosive, not corrosive, in the items of safety, environment protection etc. it is normal petroleum product, with no special protection. The product packed with 200 Kgs drums and 50 kgs carbos.

❖ **SAFETY AND HANDLING INFORMATION:**

For further information, please refer to relevant MSDS