



LT 9812 CI-4/CH-4/SL Engine Oil Additive Package

Product Introduction

LT 9812 is refined with high-quality detergents, dispersants, antioxidants, anti-wear components and other additives. The product has a unique formula and strong fuel adaptability, which can effectively extend the life of the oil. The relevant oils formulated have good detergency, abrasion resistance, anti-oxi-dation, acid neutralization and alkali value retention capabilities, The combination of LT 9812 with I and II base oils can be used to prepare API CI-4/CH-4/CF-4/SL/CF engine oil.

Reference dosage

API	dosage
CD	3.88%
CF	4.50%
CF-4/SL	6.80%
CH-4	9.00%
CI-4	10.2%

Specification

Items	Typical Value	Test Methods
Appearance	Brown viscus liquid	Visual
Kinematic Viscosity 100°C mm/s	Report	GB/T265, ASTMD445
Density20°C ,kg/ m3	1030-1070	GB/T13377, ASTMD4052
Flash Point, (COC), °C	> 200	GB/T3536, ASTMD92
TBN, mgKOH/g	180	SH/T0251, ASTMD2896
Calcium,% (m/m)	5.60-6.90	GB/T17476, ASTM D4951
Zinc, % (m/ m)	1.82-2.16	GB/T17476, ASTM D4951
Phosphorus, m%	1.50-1.80	GB/T17476, ASTM D4951
Nitrogen ,% (m/m)	0.45-0.70	NB/SH/T 0704

