



DATA SHEET

PRODUCT INTRODUCTION:

VT5402 Universal Type Engine Oil Package is formulated with new-type Ashless dispersant, high-quality detergent, ZDDP and other additives components. The engine oil blended with this package provides excellent soot dispersancy, high-temperature detergency, anti-oxidation, anti-wear and anti-corrosion performance, which effectively inhibits oxidative degradation and sludge formation of the oil, preventing engine wear.

TECHNICAL SPECIFICATION:

API PERFORMANCE LEVEL	TREAT RATE
SL/CF	5.8%
SJ/CF	4.8%
SG/CD	4.2%

ITEM	INDEX	TYPICAL VALUE	TEST METHOD
Appearance	Brown viscous liquid	Brown viscous liquid	Visual Inspection
Density (20°C), kg/m ³	991-1031	1011	ASTM D4052
Kinematic Viscosity (100°C), mm ² /s	Report	125	ASTM D445
Flash Point (COC), °C	≥180	210	ASTM D92
Total Base Number, mgKOH/g	102-126	114	ASTM D2896
Ca Content, m%	3.09-3.79	3.44	ASTM D4951
Zn Content, m%	1.76-2.16	1.96	ASTM D4951
P Content, m%	1.51-1.72	1.68	ASTM D4951
N Content, m%	0.90-1.20	0.99	ASTM D5762
Mo Content, m%	0.074-0.112	0.093	ASTM D4951

VT5402

ENGINE OIL PACKAGE



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PRODUCT STORAGE/HANDLING/TRANSPORTATION/PACKAGE:

- Packed in 200L iron drums or as required by customers, subject to the actual weight.
- The long-term storage temperature shall not exceed 45°C, and the loading/unloading or blending temperature shall not exceed 65°C.
- This product is not flammable, explosive and corrosive. In terms of safety, environmental protection and use, it is the same as general petroleum products with no special protection required.