

## ADVANTAGE 20W-50 MULTI-GRADE ENGINE OIL

### OVERVIEW

ADVANTAGE 20W-50 MULTI-GRADE ENGINE OIL is designed to meet the lubrication requirements of a variety of diesel and gasoline fueled engines operating in warmer climates. These oils can be used wherever API SJ or CH-4 lubricants are recommended. These oils are specially formulated to provide superior protection, resist oxidation and provide the higher viscosity range needed in climates where temperature ranges are above 50 degrees year round. They are also designed for applications where engines operate under extreme applications such as towing heavy equipment at high speeds over long distances.

### FEATURES & BENEFITS

- Good anti-foaming characteristics and shear stability
- Prevents engine sludge and varnish deposits on engine pistons
- Very good cold-cranking capabilities where multi-grade viscosities are specified
- Resistant to thermal breakdown due to high engine temperatures
- Excellent anti-wear properties and corrosion protection

### APPLICATIONS

ADVANTAGE 20W-50 MULTI-GRADE ENGINE OIL can be used where North American, European and Japanese cars and light duty trucks require a higher viscosity fluid to protect engine parts from high temperature conditions.

### SPECIFICATIONS

API SJ/CH

### TYPICAL PROPERTIES

<b>PRODUCT CODE</b>	<b>517</b>
SAE Grade	20W-50
Viscosity, cP @-15 C	6575
Viscosity, cSt/40 °C	172.40
Viscosity, cSt/100 °C	19.26
Viscosity Index	128
Pour Point, °C	-26
Sulfated Ash wt %	0.86
Zinc wt %	0.1150
Phosphorus wt %	0.1200
Calcium wt %	0.2550
NOACK wt %	-
TBN	7.1
API Gravity	27.8