



# Product Data Sheet

## AMERICAS CORE

### PREMIUM GROUP I BASESTOCKS

May 2009

Americas CORE basestocks are manufactured by Imperial Oil for sale and distribution across North America. These are premium basestocks characterized by:

- ◆ Low volatility and odour
- ◆ Light colour
- ◆ Good oxidation and colour stability
- ◆ High viscosity index

#### *Primary Applications*

Americas CORE basestocks are part of the ExxonMobil basestock product line and are produced at multiple locations across Canada and the United States. Manufactured to exact quality control standards, these basestocks meet API/ATIEL guidelines for the formulation and qualification of automotive lubricants. They are also suitable for use in the manufacture of industrial lubricants and greases. These basestocks respond well to additive performance/inhibitor packages and are tailored to provide long service life. Americas CORE basestocks are sold in bulk quantities and are available by rail or truck delivery.

#### *Precautions*

All basestocks in the Americas CORE product line are fully refined paraffinic products. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Please refer to the Material Safety Data Sheet for additional information.

Note: These products are not controlled under Canadian WHMIS regulations.

## *Typical Properties*

<b>Americas</b>	<b>CORE 150</b>	<b>CORE 600</b>
Appearance	Bright & Clear	Bright & Clear
Colour – ASTM	<0.5	1.5
Density, 15°C, kg/m <sup>3</sup>	868.6	879.7
Flash Point, COC, °C	219	275
Pour Point, °C	-15	-6
Noack Volatility, wt%	19	
Viscosity, CCS, cp, -20°C	2010	5530
Viscosity, Kinematic, cst, 100°C	5.15	12.0
Viscosity, Kinematic, cst, 40°C	30.3	111
Viscosity Index	97	96

*The values shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.*