



EHC represents the trade name for the Imperial Oil premium line of Group II hydrocracked base oils. These base oils are characterized by:

- ◆ High saturate levels
- ◆ High viscosity index
- ◆ Low volatility
- ◆ Light colour
- ◆ Good solubility characteristics
- ◆ Excellent oxidation stability

Primary Applications

The EHC base oil product line has been engineered to controlled volatility and viscosity index specifications that meet the automotive formulation requirements of API and ILSAC. The high viscosity index and oxidation stability of these base oils also make them suitable for use in heavy duty engine oil formulations and industrial oil applications. The EHC base oils are part of a global Group II basestock slate as defined within API and ATIEL guidelines for formulation and qualification of automotive lubricants.

Precautions

All base oils in the EHC product line are fully-refined hydrocracked 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 legislation.

Typical Properties

EHC	35	45	80
Appearance	Bright & Clear	Bright & Clear	Bright & Clear
Colour – ASTM	< 0.5	< 0.5	<1.0
Density, 15°C, kg/m ³	846.2	845.4	855.3
Flash Point, COC, °C	212	226	257
Pour Point, °C	-18	-18	-9
Viscosity, CCS, cp	1800	1520	3880
Temp. °C	-30	-25	-20
Viscosity, Kinematic, cst, 100°C	3.82	4.57	7.65
Viscosity, Kinematic, cst, 40°C	17.6	22.9	50.1
Viscosity Index	107	117	118
Volatility, Noack, wt%	27	15	5

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.