

PRODUCT DATA SHEET

Royal Super Diesel **Heavy Duty Engine Oil**



PRODUCT DESCRIPTION:

Royal Super Diesel engine oil has been reformulated to meet the stringent requirements of today's high performance engines. A premium quality heavy-duty engine oil suitable for use in both diesel and gasoline engines, this product is an excellent choice for mixed fleet operation and meets the API's CH-4 heavy-duty diesel classification.

Royal Super Diesel is recommended where manufacturers' specifications call for oil approved as CH-4, CG-4, CF-4, CF, SJ or SH.

KEY FEATURES:

- Meets the needs of today's high-performance, fuel efficient, low emission diesel and gasoline engines
- Better cold flow properties for easier starting in colder weather
- Enhanced oxidation stability, valve train wear and deposit control

CUSTOMER BENEFITS:

- Extended oil drain capability (oil analysis recommended). Better cold flow properties for easier starting in colder weather
- Overall increased engine protection
- More effectual shear stability for better viscosity control

APPROVALS:

Mack Trucks EO-M Plus
Cummins 20076
Mercedes Benz 228.1
Volvo VDS-2

APPLICATIONS:

Over-the-Road Diesel Trucks
Heavy Duty Construction Equipment
Mining Equipment
Farm Vehicles
Oil Field Engines
Diesel Passenger Cars
Gasoline Engines

PACKAGING:

Totes, Drums, Pails, Gallons, Quarts

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Typical Properties

Royal Super Diesel		
Product Number	126	Test Method
SAE Grade	15W40	-
API	28.82	-
Specific Gravity	0.8826	ASTM 4052
Lbs/Gal	7.35	
Density	0.88211	
Flash Point °C	214	ASTM D92
Pour Point °C	-24	ASTM D97
Color	<7.5	ASTM D1500
Viscosity@100°C cSt	14.2	ASTM D445
Viscosity@40°C cSt	113.3	ASTM D445
Viscosity Index (VI)	129	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.