

HELIOS

MULTIGRADE AND SEMI SYNTHETIC ENGINE OIL

Description

The lubrication of mixed fleets, from heavy duty turbocharged diesel truck to gasoline or LPG fueled passenger cars. Our Helios range comes in two mineral products and one semi synthetic blend; SAE 10W/40 which has a longer drain interval.

Benefits

Excellent detergency and dispersancy providing optimal diesel cleanliness. Excellent protection against black sludge in gasoline engines.

Performance levels

- API SG/CF-4
- VW 501.00/505.00
- MB 228.1
- MIL-L-46152EC/2104D
- Ford M2C-153C



Typical Properties

SAE		10W/40 SEMI SYNTHETIC	15W/40 MINERAL	20W/50 MINERAL
Density 15 °C	kg/m3	867	872	885
Viscosity 40 °C	cSt	98.1	107.2	170.0
Viscosity 100 °C	cSt	14.6	14.6	18.7
Viscosity CCS -25 °C	cP	<7000		
Viscosity CCS -20 °C	cP		<7000	
Viscosity CCS -15 °C	cP			<9500
Viscosity Index		154	140	124
Pour point	°C	-33	-27	-24
Flash point C.O.C.	°C	215	220	222
TBN	mg KOH/g	8.7	8.75	8.75
Sulphated Ash	%wt	1.1	1.1	1.1
Operating Temperature	°C	-30/150	-25/150	-22/150