



PRODUCT SPECIFICATION DATA SHEET



EXQ PLUS DIESEL ENGINE OILS

CUSTOMER BENEFITS:

BOSS Lubricants EXQ Plus Diesel Engine Oils are formulated to provide optimum performance in modern, low emission diesel engines operating under a wide variety of service conditions, including engines with cooled exhaust gas recirculation (EGR). It is blended with High viscosity base stocks and premium additive chemistry to achieve the following benefits: high temperature piston deposit control, foam protection, soot dispersancy and oil-thickening control, oxidation inhibition, low temperature sludge protection, corrosion and rust inhibition, valve train wear protection, TBN retention, and outstanding resistance to "shearing out" of viscosity grade. BOSS Lubricants EXQ Plus Diesel Engine Oils are recommended for use in turbocharged and naturally aspirated two and four cycle diesel engines. It may also be used in gasoline engines for the "mixed fleet" operator. This engine oil also provided excellent performance in off-road service, including construction, forestry, mining, marine, and stationary power generation.

PERFORMANCE SPECIFICATIONS:

TYPICAL VALUES

SAE GRADE	15W40	10W30	5W30
DENSITY @ 15.5,kg/l	0.8820	0.8780	0.8730
VISCOSITY, cSt @ 40C	119	75	67.2
VISCOSITY, cSt @ 100C	14.5	11.5	11.4
VISCOSITY INDEX	140	145	164
FLASH POINT, C	216	210	208
POUR POINT, C	-33	-36	-38
COLOR (ASTM)	3.5	3	3.0
SULFATED ASH, wt%	1.2	1.2	0.9
TBN (D2896)	11.5	11.5	11.5

APPLICATIONS:

API CI-4 Plus
API CI-4, CH-4
API CG-4, CF-4
API SL
API CF
MACK EO-N PREMIUM PLUS 03
MACK EO-M PREMIUM PLUS
CAT EFC-2
DDC 93K215
VOLVO VDS-3
VOLVO D12D PERFORMANCE
MB p228.3
MTU TYPES 1 AND 2