



PRODUCT SPECIFICATION DATA SHEET



BOSS FULL SYNTHETIC GEAR OILS

CUSTOMER BENEFITS:

These Synthetic Gear oils are engineered to reduce frictional gear drag and protect the gearing against failures associated with heavy loading. These products exhibit excellent flowability properties, which minimize gear wear in extreme weather conditions. BOSS FULL SYNTHETIC GEAR OILS are designed to meet and exceed the requirements for EATON and ROCKWELL differentials as well as limited slip applications.

PERFORMANCE SPECIFICATIONS:

TYPICAL TEST PROPERTIES

SAE GRADE	<u>75W90</u>	<u>75W140</u>	<u>80W140</u>
DENSITY @ 15°C	0.8762	0.9218	0.8888
VISCOSITY @ 40°C, cSt	109	176	284
VISCOSITY @ 100°C, cSt	14.81	24.80	27.60
VISCOSITY INDEX	141	173	129
BROOKFIELD VISCOSITY			
Cp @ -26°C		73,000	74,200
Cp @ -40°C	133,000		
FLASH POINT (COC) °C	204	202	216
FIRE POINT (COC) °C	214	220	228
POUR POINT, °C	-47	-35	-26
FOAMING (D-892) <u>ML@24°C</u>			
*tendency (Seq.1&2)	0/0	0/0	0/0
*stability @ 5 min (Seq. 1&2)	0/0	0/0	0/0
COLOR	L1.5	L1.5	L1.5
APPEARANCE (VISUAL)	CLEAR	CLEAR	CLEAR

APPLICATIONS:

BOSS FULL SYNTHETIC GEAR OILS meet the requirements of the API Service designation GL-5, MIL-L-2105d and the MACK G0-H specifications.