PRODUCT DATA SHEET

AGIP EMD 40

AGIP EMD 40 is a lubricant for high-output locomotives. It is formulated from a high Viscosity-Index, low pour-point paraffinic base stock treated with a high percentage of additives to impart outstanding detergent, dispersant, antioxidant, anticorrosion, antiwear and antifoam properties.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP EMD 40

SAE Grade		40
Viscosity at 100°C	mm^2/s	15,1
Viscosity at 40°C	mm^2/s	153,8
Viscosity Index	-	98
TBN	mgKOH/g	13
Flash Point COC	°C	250
Pour Point	°C	-12
Zinc	ppm	<10
Sulphated	%wt	1,6
Mass density at 15°C	kg/l	0,900

PROPERTIES AND PERFORMANCE

- Its excellent detergent-dispersant properties minimize lacquer formation, and prevent sludge deposits, by keeping insoluble particles in suspension.
- It is markedly resistant to deterioration, especially that caused by oxidation due to prolonged high-temperature operation in the presence of air and other agents.
- AGIP EMD 40 has very good anticorrosion properties which protect the engine from corrosion caused by combustion moisture and acids.
- Its antiwear properties ensure long life of moving parts and noticeably reduce the need for engine servicing and repairs.
- Its antifoam properties prevent the formation of air bubbles which could adversely affect lubricant film continuity.
- AGIP EMD 40 will not corrode silver metal bearings.

APPLICATIONS

AGIP EMD 40 is suitable for lubricating high-output diesel locomotives operating under very severe duty. In particular, it can be emloyed in all General Electric "Standard Export" locomotives even when the sulphur content of the diesel fuel exceeds 0.5%, permitting less frequent oil changes, longer filter life and ensuring superior protection against deposits and wear.

SPECIFICATIONS

AGIP EMD 40 meets the requirements of the following specifications:

- General Motors - Electromotive Division - M.I. 1761
- General Electric GEK 61435 "Extra Performance"