



PRODUCT DATA SHEET

NP DIESEL SPECIAL 40

GENERAL

The **NP Diesel Special 40** is a high quality, zinc – free, diesel engine oil designed to meet and exceed the performance requirements of the LMOA Generation 5 and General Electric (GE) Generation 4 Long Life railroad diesel engine oil standards.

NP Diesel Special 40 is manufactured from premium quality hydro-treated base oils, which contain lower levels of impurities, and are blended with an advanced additive package. Without these impurities, that limits the performance of conventional base oils, the use of NP Diesel Special 40 results in:

- Excellent oxidation resistance, high dispersancy and improved TBN retention to protect against deposit formation and help maintain engine cleanliness.
- Excellent wear protection and is non-corrosive to yellow metals engines.
- An additive package that is zinc-free to protect silver bearings and bushings found in older EMD diesel engines, and is non-chlorinated to permit easier recycling or disposal of used oil.

MAIN APPLICATIONS

NP Diesel Special 40 has been developed for General Electric and General Motors EMD engines used in stationary, marine and railroad applications.

TYPICAL PROPERTIES

	TEST METHOD	
SAE Viscosity Grade	J 300	40
Kin. Viscosity @ 40°C-cSt	ASTM D445	145
Kin. Viscosity @ 100°C-cSt	ASTM D445	14.55
Viscosity Index	ASTM D2270	99
Specific Gravity 60/60°F	ASTM D1298	0.8906
Pour Point °C	ASTM D97	-3
Closed Flash Point °C	ASTM D93	228
Sulphated Ash % wt	ASTM D874	1.26
TBN mg KOH/g	ASTM D4739	12
Colour	ASTM D1500	4.5

HEALTH AND SAFETY

NP Diesel Special 40 is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to Material Safety Data Sheet (MSDS) for further information.

Revised 10/06/09