

TECH DATA

RED GIANT OIL

LOCOMOTIVE GOVERNOR OIL

20W-40

INTRODUCTION

Locomotive Governor Oil 20W-40 is a multi-grade 11 TBN, ashless-dispersant, non-zinc, non-chlorinated, high-viscosity index LMOA Generation 7 level engine oil developed to meet the demands of modern railroad and stationary heavy-duty diesel engines.

FEATURES

- Provides extremely good protection against deposits
- Reduces oil thickening from oxidation
- Protects engines from corrosive wear
- Neutralizes combustion acids
- Extends oil and filter life
- Non-chlorinated for easier used-oil recycling
- Fully backwards compatible with older model units operating on low and ultra-low sulfur diesel fuels

APPLICATION

Recommended for turbo-charged or naturally-aspirated locomotive and stationary heavy-duty diesel engines. Non-zinc containing for use in engines that have silver alloy bearings. Locomotive Governor Oil 20W-40 is approved for use in the following applications:

- EMD 567, 645, 710 and 1010 engines, meeting EPA Tier 4 and previous emission standards
- In GE diesel engines where low and ultra-low sulfur fuels are used, including Tier 4 emission level and backwards compatible to prior levels

TYPICAL PERFORMANCE DATA

TYPICAL INSPECTIONS	ASTM TEST METHOD	RED GIANT LOCOMOTIVE GOVERNOR OIL 20W-40
SAE Grade	-	20W-40
Product Code		GOV136
Density @ 60°F, lbs/gal	D6822	7.300
API Gravity	D287	29.9
Flash Point, COC, °C (°F)	D92	253 (487)
Kinematic Viscosity cSt @ 40 °C cSt @ 100 °C	D445	138 15.4
Viscosity Index	D2270	115
Cold Cranking @ -15 °C, cP	D5293	8380
Pour Point, °C (°F)	D5950	-15 (5)
Base Number, mg KOH/g	D2896	11
Sulfated Ash, % wt	D874	1.0
Elemental Analysis		
Sulphur, %	D4294	0.19
Zinc, ppm	D4951	<1
Phosphorus, ppm	D4951	<1

The values quoted above are typical of normal production. They do not constitute a specification.

Learn more about us: redgiantoil.com

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