



RM Synthetic EP

SAE 90

Previously known as Synthetic EP 90

Description

RoadMaster Synthetic EP SAE 90 is a synthetic gear oil that uses a performance additive technology that is specially formulated for thermally stable synthetic Total Driveline Lubricants (TDL). With this RoadMaster Synthetic EP SAE 90 is designed to enable a single product to lubricate both the axle and transmission. RM Syn EP SAE 90 also utilises Enhanced Polymer Technology (EPT) which increases load carrying capacity and contains friction modifiers for friction reduction in hubs and Detroit lockers.

Features & Benefits

- High dispersancy and detergency maintains oil cleanliness over extended periods and protects components from damage and premature wear.
- Proven thermal stability enhances the durability of components that experience high temperatures and high loads.
- Total Driveline Lubricant solution simplifies logistics and reduces the risk of misapplication.
- Unique long drain approvals are proof of performance for mixed commercial fleets where a single solution is helpful.
- Reduced friction in hubs and Detroit lockers
- Enhanced Polymer Technology (EPT) assists in lowering temperatures

Specifications

Properties	Method	Result
Specific Gravity @ 20°C	ASTM D 1298	1.01
Kinematic Viscosity @ 40°C	ASTM D 445	8.8
Kinematic Viscosity @ 100°C	ASTM D 445	49
Boron	LZ Test Method	0.52
Magnesium	LZ Test Method	0.95
Nitrogen	ASTM D 5291	0.61
Phosphorus	LZ Test Method	1.63
Sulphur	LZ Test Method	20.6
Flash Point, °C, PMCC	ASTM D 93	78
Pour Point, °C	ASTM D 97	-33

Technical Data Sheet



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Performance Levels

API GL-4, GL-5	MB Approval 235.0 & 235.8
API MT-1	MIL-PRF-2105E
ARVIN MERITOR 0-76-D, 0-7-N	RENAULT
DAF	SAE J2360
DETROIT DIESEL DFS93K219.01 and .03	Scania STO 1:0, 2:0A FS
IVECO	Volvo 97312
MACK GO-J	ZE TE-ML 04G, 08, 12E, 12M, 16C, 16D, 17H, 19B
MAN 341 72, MAN 342 M3, MAN 342 S1, MAN 342 M2	ZF TE-ML 02B, 05A, 07A, 12B, 12L, 12N, 16B, 16F, 17B, 19C, 21A, 24A



Master Item# 1305
Pack Size Availability: 20L

Last Updated: 30th November 2023
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