



PRODUCT DATA SHEET



PRODUCT NAME/VISCOSITIES: CLASSIC RUNNING IN OIL

Product No	7932
Issue No.	3
Issue Date	01/12/22

DESCRIPTION:

A SAE 30 mineral based running in oil for vintage and classic engines. This product is designed for the initial running in of re-built engines. Use of this product optimizes performance and fuel efficiency.

APPLICATION:

Use as received for initial running in of re-built engines. Formulated for running in on the road. Can be used for test bed running. Run engine at peak torque to ensure maximum bedding-in of piston rings. Drain and refill with the Millers Classic lubricant most suitable for the engine. Note: Do not use high performance oils before the bedding-in process is complete.

Use in conjunction with an Assembly Lubricant. We recommend Millers Oils Assembly Lubricant – 7982. When rebuilding an engine use Assembly Lubricant on vital components such as cam lobes for protection on initial start-up & the dedicated Millers Oils running in oil per engine type e.g. Classic, Automotive, Motorsport & Heavy Duty (HGV, Agricultural, Plant, Off Road).

USER BENEFITS:

- High quality mineral oil formulated to solve the problems experienced when reconditioned engines do not bed-in.
- Provides full protection to highly stressed valve gear/associated components whilst allowing piston rings to bed in against the bore.
- Suitable for 500 miles after which it should be replaced with the appropriate Millers Oils classic engine oil.
- Good running in will optimise the performance and fuel efficiency of a reconditioned engine.

PERFORMANCE PROFILE:

Designed to provide the performance of API SE/CC. Suitable for 500 miles road use. Very low leak down [4%] obtained after thorough running in process.

TYPICAL CHARACTERISTICS:

SAE viscosity grade	30
Specific gravity at 15°C	0.887
Kinematic viscosity at 100°C	11.9cSt
Kinematic viscosity at 40°C	104cSt
Viscosity index	103
Pour point °C	-15
Flashpoint °C	220



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RUNNING IN PROCEDURE & DISCLAIMER

Millers Oils Running In oil has been designed to last the full running in procedure. Do not use fully synthetic or semi synthetic oils before the process is fully completed as this can lead to bore glazing.

- When the engine has been built to a high standard, fill with running in oil to the maximum mark on the dipstick.
- Run the engine at peak torque for approximately 500 miles on the road or alternatively on a test bed/rolling road.
- Indication that the procedure has been completed includes:
 - Compression ratio to manufacturer's specification.
 - Increased engine performance e.g. acceleration.
 - Improved efficiency.
 - Reduced oil consumption.
- Although Millers Oils provides a general guide for the running in process, the onus lies with the engine builder to ensure that the correct procedure per engine is completed effectively.

HEALTH AND SAFETY:

Health and Safety Data Sheet 7913 applies to this product. When used for the purpose recommended and with due regard to the appropriate Health and Safety Data, the product should cause no concern. If in doubt, consult with Millers Oils technical department.

For Technical assistance call +44 (0) 1484 475060 or email technical@millersoils.co.uk