



OPUS LUBRICANTS PRODUCT DATA

RUNNING-IN OILS

Description

OPUS Running In Oil is a mineral based multigrade crankcase lubricate designed to facilitate the running in of new and reconditioned diesel and petrol engines.

Performance Levels

- API: CC/SE
- MIL-L-2104B
- CCM2C-90014A
- MIL-L-46152B

Application

Running-in Oil is intended as a test bed oil for reconditioned engines or a “glaze-buster” for units displaying symptoms of severely arrested running-in. Because of the specialised nature of Running-in Oil it should not be used indiscriminately. Please consult our technical department for recommendations as to its application.

New Units

Naturally aspirated engines: Change initial fill at 1000 miles (or point recommended by engine manufacturer).

Turbo charged engines: As for naturally aspirated diesel engines, but change to service oil after a maximum 2000 miles.

Note: Service oil should be used for top up in all cases.

The purpose of running-in oil is to give controlled initial wear of new components, to increase the actual contact area of bearing surfaces and generate optimum bearing relationships. This minimises subsequent wear and frictional losses.

Running-in occurs in two stages:-

Stage 1 - Removal of surface roughness

Stage 2 – Correction of surface errors due to waviness or misshape.



Typical Data

SAE		30
Specific Gravity	@ 15°C:	0.885
Kinematic Viscosity	@ 100°C cSt:	10.0
Pour Point (°C)		-18
Flash Point (°C)		200

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