



Product Description

CARCAL MONOMAX CR - 50 / CF-50 energized protection oils use proven combinations of additives that react to the needs of your engine. They feature an enhanced acid control system for added protection and long life. CARCAL MONOMAX CR - 50 / CF-50 is a lubricant that has been formulated with highly refined base stock and an additive package, designed to protect diesel engines against wear, particularly those engines using higher sulfur diesels. It contains inhibitors, dispersants-detergents and anti-wear additives that protect engines against corrosion, rust and oxidation.

Features and Benefits

The key benefits of Carcal MONOMAX CR - 50 / CF-50 include:

- Enhanced protection for four cycle engines in the most demanding on and off-highway service prolonged engine life
- Outstanding control of high temperature deposits Excellent soot control
- Reduced engine scuffing and bore polishing due to enhanced high temperature/high shear viscosity retention Improved low temperature sludge control in stop and go service
- Easy starting in cold weather conditions
- Extended TBN quality reserve for long term wear and deposit control Reduced oil consumption due to improved high temperature performance

Applications

Carcal MONOMAX CR -50 / CF-50 is recommended by Atom Chemicals UK for use in the most severe applications of modern on- and off-highway diesel engines. It extends engine life between overhauls in high speed/high load operations and in pickup/delivery operation modes in four-cycle engines. Applications include:

- Diesel-powered equipment from leading diesel engine
- manufacturers On-highway light and heavy-duty trucking
- Off-highway industries including: trucking, construction, quarrying, and agriculture
- Mixed fleets

Specifications and Approvals

Carcal MONOMAX CR-50 / CF-50 is recommended by Atom Chemicals UK for use in applications requiring:
API CF

Typical Properties

Carcal MONOMAX CR - 50 / CF-50	Method	Unit	
SAE Grade			50
Viscosity @ 40°C	ASTM D 445	cSt	211
Viscosity @ 100°C	ASTM D 445	cSt	19.6
Total Base Number (TBN)	ASTM D 2896	mg KOH/g	10.73
Viscosity Index	ASTM D 2270		110
Pour Point	ASTM D 97	°C	-25
Flash Point	ASTM D 92	°C	245