

Protect Monograde 50

Monograde Pro Protect for Commercial Vehicles and Equipment

Description

Smart lubes Protect Monograde is a diesel engine oil available in SAE 10W, 20W, 30, 40 & 50 viscosities.

Application

The primary application of Smart lubes Protect Monograde 50 is in diesel engines, hydraulic systems and transmissions that specify the use of a monograde diesel engine oil.

Advantages

Smart lubes Protect Monograde 50 provides excellent proProtect in applications where a monograde diesel engine oil is required.

User benefits include:

- Pro Protect against wear and deposits. Smart lubes Protect Monograde 50 is formulated to reduce many types of wear and also reduce the build-up deposits, so maintenance costs are controlled and unscheduled downtime is prevented.
- Can be used in hydraulic and transmission systems that specify use of a monograde engine oil

Typical Characteristics

Name	Method	Units	Protect Monograde 50
Density @ 15C, Relative	ASTM D4052	g/ml	0.897
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	18.7
Flash Point, COC	ASTM D92	°C	258
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	202
Viscosity Index	ASTM D2270	None	102
Ash, Sulphated	ASTM D874	% wt	0.9
Total Base Number, TBN	ASTM D2896	mg KOH/g	7.1
Pour Point	ASTM D97	°C	-24

Product Performance Claims

SAE 50
ACEA E1
API CF
MB-Approval 228.0