



## STAMINA Plus 20W-50 CD/SF

**Diesel Engine Oil HDDEO**

### PERFORMANCE LEVELS: Meets and Exceeds

CCMC-D2/D3/PD: MIL-L2104D: MIL-L-46152B: ACEA E2: MB 228.0: VOLVO VDS: MAN 270: SCANIA LDF-2

Black Bulls **STAMINA Plus** Engine oil contains 100% virgin base stock formulated with the multiple additives and blended with latest technology; provides superior lubrication for modern as well as older diesel engines. Suitable for use in a wide range of heavy-duty applications and operating environments found in the trucking, construction, and agricultural industries.

### Typical properties:

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES
<b>SAE VISCOSITY GRADE</b>			<b>20W-50</b>
APPEARANCE	NA	VISUAL	B&C
COLOR	NA	ASTM D-1500	2.5
DENSITY @29.50°C	g/mL	ASTM D-4052	0.8800
KINEMATIC VISCOSITY @100°C	cSt	ASTM D-445	18.5
KINEMATIC VISCOSITY @40°C	cSt	ASTM D-445	Report
VISCOSITY INDEX	NA	ASTM D-2270	125
CORRECTED FLASH POINT	°C	ASTM D-92	240
HOMOGENEITY/MISCIBILITY	NA	ASTM D-6922	Pass
ACCEPTABLE ODOR	NA	VISUAL	Agreeable
POUR POINT	°C	ASTM D-97	-24
TOTAL BASE NO. (TBN)	mg KOH/g	ASTM D-2896	10.0

### Advantages:

- Environment friendly
- Exhibits easier cold weather starting
- Resists breakdown at high temperatures.
- Resisting deposits caused by soot and acids
- Withstands the stress of heat, wear and corrosion.
- Longer drain intervals and smooth running of engines.
- Good compatibility with rubber to Protect rubber seals.
- Highly efficient in dispersancy and ditergency keeps engine clean.
- Improved low temperature sludge control in frequent stop-and-go service.
- Reduced oil consumption due to improved high temperature performance.

### Performance Specification:

- This product meets or exceeds the following specifications
- API CD and lower API CC

### Applications:

- Heavy duty diesel engine oil for most severe applications of modern on- and off-highway diesel engines.
- Off-highway industries including: trucking, construction, quarrying, and agriculture

