PRODUCT DATA SHEET

SERVO ULTRA DF



Servo Ultra DF oil is heavy duty diesel engine oil, and is blended from highly refined, high viscosity index base stocks and contain appropriate dosages of detergent-dispersant and antioxidant additives to meet the stated performance standards.

PERFORMANCE BENEFITS

Servo Ultra DF is

- Effectively combat the deleterious products of combustion associated with high sulphur fuels, thus minimising deposits and wear.
- Maintain excellent engine cleanliness.
- Minimise deposits resulting from high output, low speed, low temperature operations.
- Provide excellent control of cold sludge and corrosive wear.
- Possess excellent oxidation stability ensuring long service life especially in transmission systems.

APPLICATION

Servo Ultra DF is recommended for all classes of supercharged diesel engines of high speed, high output such as those in:

- Heavy duty diesel vehicles / Tractors
- Earth moving / Off-highway equipment
- Transmission systems of Caterpillar equipment
- Large generating sets

PERFORMANCE STANDARDS

Servo Ultra DF meet the following specifications:

- API CD
- US MIL-L-45199B
- Caterpillar Series 3
- E-DL 2 of IS:13656-2002 specifications

Servo Ultra DF is approved by the leading manufactures including

- Bharat Earth Movers Ltd., Bangalore
- Escorts Ltd., Faridabad

CHARACTERISTICS

SAE GRADE	Ultra DF
Kinematic Viscosity cSt @ 100°C	13 – 15
Viscosity Index, Min.	90
Flash point (COC), °C Min.	225
Pour Point, °C Max.	(-) 6
TBN mg KOH/gm	9.5 - 11.5

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai - 400 051 **E-Mail:** tservices@indianoil.co.in **OR** tech_services@indianoil.co.in **M**