

# PRODUCT DATA SHEET

## SERVO ULTRA KB



### DESCRIPTION

Servo Ultra KB oils are heavy duty diesel engine oils, and are 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.

### APPLICATION

Servo Ultra KB oils are recommended for all classes of supercharged diesel engines of high speed, high output such as those in Earth moving / Off-highway equipment. It is also effectively used in Transmission systems of Caterpillar equipment.

### PERFORMANCE BENEFITS

- 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.

### PERFORMANCE STANDARDS

Servo Ultra KB oils meet the following specifications:

- API CD
- US MIL-L-45199B
- Caterpillar Series 3
- Meets BEML ED 10CD for KB 10 & BEML ED 30 CD for KB 30. E-DL 2 of IS:13656-2002 specifications

### MANUFACTURERS APPROVAL

Servo Ultra KB oils are approved by the leading manufactures including

- Bharat Earth Movers Ltd., Bangalore

### CHARACTERISTICS

SAE GRADE	10W	30
Kinematic Viscosity cSt @ 100°C	5Min.	10 – 12
Viscosity Index, Min.	95	90
Flash point (COC), °C Min.	200	220
Pour Point, °C Max.	(-) 27	(-) 9
TBN mg KOH/gm	9.5 – 11.5	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

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