

# Product Data Sheet

## Servo Ultra 40 / Servo Ultra 50

Heavy Duty Diesel Engine Oil



### Description

Servo Ultra 40/50 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 anti-oxidant additives to meet the stated performance standards.

### Performance, Features and Benefits

- Effectively combat the deleterious products of combustion associated with high sulphur fuels, thus minimizing 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 40/50 are recommended for supercharged diesel engines of high speed, high output such as

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

### Approvals / Performance Standards / Recommendations

- Meets API CF & IS:13656 EDL-3 specification

### Typical Physical Characteristics

Properties	Method	SAE 40	SAE 50
Appearance	Visual	Clear	Clear
Colour	ASTM D1500	5.0	5.0
Flash point COC, deg °C	ASTM D92	200 min	220 min
Pour Point, deg °C	ASTM D97	-6 max	-6 max
Kinematic viscosity at 100°C, cSt	ASTM D445	14.72	19.65
Kinematic viscosity at 40°C, cSt	ASTM D445	130	232.9
Viscosity Index	ASTM D2270	114	96
Total base number, mg KOH/g	ASTM D2896	5.63	5.63
Foam test; Tend/Stab, ml			
Seq. I	ASTM D892	0/0	0/0
Seq. II		10/0	10/0
Seq. III		0/0	0/0
Sulfated ash, % wt	ASTM D874	0.72	0.72

### Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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For further information, please contact our nearest office or:

Technical Services Department,  
Indian Oil Corporation Ltd.,  
G-9, Ali Yavar Jung Marg, Bandra (E),  
Mumbai – 400051

E-Mail: [servotechserv@indianoil.in](mailto:servotechserv@indianoil.in) or  
[servots@indianoil.in](mailto:servots@indianoil.in) | <https://cx.indianoil.in/>