

Product Data Sheet

Servo Ultra 10W & 30

Premium Hydraulic, Transmission & Engine oil for Off-highway equipments



Description

Servo Ultra 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.

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.
- Minimize 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 oils are recommended for all classes of supercharged diesel engines, transmission and hydraulic systems in off-highway equipments

- Heavy duty diesel vehicles / Tractors
- Earth moving / Off-highway equipment

Approvals / Performance Standards / Recommendations

Servo Ultra oils meets the following specifications:

- API CD
- US MIL-L-45199B
- Caterpillar Series 3
- Meets Type C2 specification of Detroit Diesel Allison, USA

Servo Ultra 10W meets API CD, MIL-C, MACK T7 Seq III F and E-DL3 of IS:13656

Servo Ultra oils are approved by the leading manufactures including

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

Typical Physical Characteristics

Parameter	Method	10W	30
Appearance	Visual	Clear	Clear
Colour	ASTM D1500	4.0	4.5
Flash point COC, deg °C	ASTM D92	228	223
Pour Point, deg °C	ASTM D97	-27	-30
Kinematic viscosity at 100°C, cSt	ASTM D445	6.14	11.69
Viscosity Index	ASTM D2270	115	110
Total base number, mg KOH/g	ASTM D2896	9.86	9.86
Foam test; Tend/Stab, ml			
Seq. I	ASTM D892	0/Nil	0/Nil
Seq. II		10/Nil	10/Nil
Seq. III		10/Nil	10/Nil
Sulfated ash, % wt	ASTM D874	1.48	1.29

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.

18 AUG 2022

All trademarks used herein are trademarks or registered trademarks of Indian Oil Corporation or one of its subsidiaries unless indicated otherwise. Values reported are typical of those obtained with normal production tolerance, and may vary from batch to batch. Due to continual product research and development, the information contained herein is subject to changes without notification. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. All products, services and information supplied are provided under our standard conditions of sale.

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 or
servots@indianoil.in | <https://cx.indianoil.in/>