

Product Data Sheet

SERVOWAY 32, 68 & 220

Hydraulic Cum Lubricating Oils



Description

Servoway oils are anti-wear hydraulic and circulation oils specially formulated for efficient lubrication of a wide variety of industrial equipment. Servoway oils are high performance machine tools oil. Servoway oils are having tackiness, antirust and anti foam additives enabling higher loading of machine tools, minimum stick-slip and chatter. It provides improved surface finish to the job.

Performance, Features and Benefits

Servoway oils

- Provide good wear- protection, thereby prolonging service life of moving parts
- Possess high film strength properties which help minimize friction and wear
- Provide rust-protection, to reduce the incidence of corrosion
- Have excellent resistance to oxidation thereby giving long service life
- It has minimum stick – slip and charter characteristics.
- Reduced oil consumptions due to good adhesive characteristics.

Application

Servoway oils are recommended as high performance machine tool lubricants under extreme load and pressure conditions. These oils have been established for more than few decades in machine tool operation with an excellent uninterrupted performance in use. These oils are excellent products for slide way lubrication of planers, grinders, horizontal boarding machines, shapers jig borers etc., involving high precision work. These oils are also recommended for lubrication of gears by oils can.

Approvals / Performance Standards / Recommendations

- Meets ASLE Standard W315 and W1000
- Meets Cincinnati Milacron USA specification P-47, P-50.

Typical Physical Characteristics

Parameters	Method	32	68	220
Appearance	Visual	Clear	Clear	Clear
Flash point COC, deg°C	ASTM D92	190	228	240
Pour Point, deg°C	ASTM D97	0	0	0
Kinematic viscosity at 40°C, cSt	ASTM D445	31.1	69	223.2
Density @ 15°C, g/ml	ASTM D1298	0.866	0.892	0.903
TAN, mg KOH/gm	ASTM D974	0.15	0.66	0.78
Rust Test, 'A'	ASTM D665	Pass	Pass	Pass
Cu strip Corrosion @ 100°C, 3 hrs	ASTM D130	1a	1a	1a

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.

21 JUL 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/>