

PRODUCT DATA SHEET

SERVO HYCUT DP 146



DESCRIPTION

Servo Hycut DP 146 is a dual purpose oil for use in Gear Hobbing machine as cutting oil as well as hydraulic oil. This oil is developed having adequate viscometrix, high viscosity index, superior anti-rust and anti-corrosive properties with excellent cooling efficiency and load bearing capability.

APPLICATION

Servo Hycut DP 146 is ideally suitable for severe cutting operations such as gear cutting, hobbing, broaching, threading etc made of high alloy steel. This oil is also recommended as hydraulic oil in the gear hobbing machine.

PERFORMANCE BENEFITS

- ☞ Adequate viscosity and high VI. provides excellent cooling efficiency and load bearing capability.
- ☞ Can be used for an extended period of operation with minimum deterioration of the oil.
- ☞ Excellent lubrication to Hydraulic system, provides smooth operation of the machine
- ☞ Improved tool life and surface finish.

PERFORMANCE STANDARDS

- ☞ Approved by M/s. Escorts (AGRI Machinery Group) as a dual purpose oil for use in Gear Hobbing machine.

CHARACTERISTICS

Grade	Servo Hycut DP 146
Kinematic Viscosity, cSt @ 40°C	43.5 – 47.5
Flash Point (COC), °C Min.	200
Pour Point, °C Max.	(-) 6
Copper strip corrosion @ 100°C, 3 Hrs, Max	1
Weld Load, Kg (Typical)	200
Wear Scar dia mm	0.35

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: servotechserv@indianoil.in **OR** servots@indianoil.in