

PRODUCT DATA SHEET

SERVO TRANSMISSION C3



DESCRIPTION

Servo Transmission C3 fluids are formulated to meet the specification of General Motors Corporation, USA for hydraulic transmission fluid type C3. These fluids are blended from selected lubricating oil base stocks with special additives to impart high oxidation stability, anti-wear, anti-rust, anti-foam and desired frictional characteristics in service. The fluids are compatible with seal material generally used in hydraulic transmission systems.

APPLICATION

Servo Transmission C3 fluids are recommended for all commercial power shift transmissions, industrial torque converters and automatic transmissions manufactured by Detroit Diesel Allison, Division of General Motors Corporation, USA. Such hauling and cycling transmissions are fitted on a wide variety of off-highway equipment e-g, dumpers, scrapers, shovel loaders, log loaders, crawler tractors, excavators etc.

PERFORMANCE BENEFITS

Servo Transmission C3 fluids

- Enable smooth operation of precision hydraulic control systems
- Protect gear and other lubricated parts against wear
- Have the desired friction characteristics for smooth engagement/disengagement of clutch to provide a "soft shift feel"
- Give high protection against rust and corrosion to the components of the transmission system
- Provide excellent seal life due to good compatibility with seal and component materials normally used in hydraulic transmission systems

PERFORMANCE STANDARDS

Servo Transmission C3 fluids meet the following specification:

- TES – 122 for Hydraulic Transmission Fluid Type C3 of Detroit Diesel Allison, Division of General Motors Corporation, USA

Servo Transmission C3 fluids are approved by the leading manufacturers, such as:

- Bharat Earth Movers Ltd., Bangalore
- Detroit Diesel Allison, Division of General Motors Corporation, USA
- Hindustan Motors-Terex Ltd., Trivellore

CHARACTERISTICS

SAE GRADE	10	30
Kinematic Viscosity, cSt @ 100 °C	5.6 Min.	9.3 - 12.5
Viscosity Index, Min.	100	90
Flash Point (COC), ° C Min	190	215
Pour Point, ° C Max.	(-) 29	(-) 18

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:

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