



SERVO TRANSMISSION C4

GRADES AVAILABLE - SERVO TRANSMISSION C4 SAE 10, C4 SAE30

<p>DESCRIPTION</p> <p>Servo Transmission C4 fluids are formulated to meet the specification of General Motors Corporation, USA for hydraulic transmission fluid type C4. 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.</p> <p>The fluids are compatible with seal material generally used in hydraulic transmission systems.</p>	<p>APPLICATION</p> <p>Servo Transmission C4 fluids are recommended for all commercial power shift transmissions, industrial torque convertors 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.</p>
<p>PERFORMANCE BENEFITS</p> <ul style="list-style-type: none"> • 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 	<p>PERFORMANCE STANDARDS</p> <p>Servo Transmission C4 fluids meets:</p> <ul style="list-style-type: none"> • TES – 228 for Hydraulic Transmission Fluid Type C4 of Detroit Diesel Allison, Division of General Motors Corporation, USA <p>MANUFACTURERS APPROVALS</p> <p>ServoTransmission C4 fluids are approved by:</p> <ul style="list-style-type: none"> • Bharat Earth Movers Ltd., Bangalore/ Mysore • Detroit Diesel Allison, Division of General Motors Corporation, USA • Hindustan Motors-Terex Ltd., Trivellore • Allison Transmissions

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	160	160
Pour Point, ° C Max.	(-) 30	(-) 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:

Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai – 400 051