



HICKS oils
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Trans/Drive TO-4 Fluids

Nature's Choice® Trans/Drive TO-4 Fluids are formulated to meet the CATERPILLAR® TO-4 transmission specification. These fluids provide smooth power transfer in the extreme operating conditions of modern heavy duty equipment. Nature's Choice® TO-4 Fluids do not contain VI improvers or friction modifiers and are available in SAE 10W, 30, 50 and 60 monogrades. TO-4 Fluids meet the obsolete CAT® TO-2 specifications and the SAE 10W and 30 grades can be used in Allison C-4 applications.

Nature's Choice® Trans/Drive SAE 10W TO-4 Fluid is suitable for use in equipment calling for CAT® HYDO™ Advanced 10. Other manufacturers using a TO-4 type fluid are Eaton Powershift, Komatsu-Dresser, and Terex. Consult manufacturer's recommendations before using.

Nature's Choice® Trans/Drive TO-4 Fluids can be used where the following specifications are required:

- CAT® TO-4 (formal approvals are not issued)
 - CAT® TO-2 (OBSOLETE)
 - Allison C-4 (off-road applications)
 - Komatsu Micro Clutch (formal approvals are not issued)
 - Komatsu Equipment (formal approvals are not issued)
 - Vickers M-2950-S
 - Dana Powershift*
 - Tremac/TTC*
 - Eaton Fuller*
 - CAT® HYDO™ Advanced 10 **
- * Where TO-4 is called for
**SAE 10W viscosity grade

Always follow equipment manufacturer's recommendations for proper fluid type. TO-4 fluids ARE NOT for use in farm tractors requiring transmission hydraulic fluids.

The Nature's Choice® product line was developed in response to President Clinton's Executive Order 13101 which mandated the use of motor oils with re-refined content for government use. Since that time, the Nature's Choice® product line has grown from motor oils to include many other types of lubrication. Blending virgin and re-refined base stocks with quality additive chemistry, Nature's Choice® brand products are able to meet the top performance grades required for today's lubrication requirements, while being more environmentally friendly.

Typical Properties:

| Product | Nature's Choice® Trans/Drive TO-4 Fluids | | | |
|---|--|--------|--------|--------|
| SAE Viscosity Grade | 10W | 30 | 50 | 60 |
| Product Code | 101301 | 101303 | 101305 | 101306 |
| Kinematic Viscosity @ 100°C, cSt (ASTM D-445) | 6.5 | 11.0 | 19.0 | 23.0 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D-445) | 44.0 | 104.0 | 250.0 | 283.0 |
| Viscosity Index (ASTM D-2270) | 105 | 105 | 100 | 100 |
| Total Base Number (ASTM D-2896) | 7.5 | 7.5 | 7.5 | 7.5 |
| API Gravity (ASTM D-1298) | 30.0 | 29.1 | 27.0 | 26.6 |