

DYNATRANS DA SAE 80W90



Heavy duty thermally-stable API GL-5 LS gear oil for limited slip disk locking systems

APPLICATIONS

Limited Slip Differentials

DYNATRANS DA oils are premium, limited-slip automotive gear lubricants designed for a variety of transportation and industrial applications where protection against gear chattering is needed. This API GL-5, MT-1 product is specifically designed for use in automobiles and trucks equipped with limited-slip differentials. They are also well suited for use in other applications subject to high speed, high temperatures, and severe (shock) loading.

PERFORMANCE

Classifications

OEM approvals

Meets OEM Specs

- API GL-5 LS
- MIL-L-2105D
- ZF TE-ML 05C/ 12C/ 21C
- Worksite equipment: Liebherr, Terex, Volvo, Case, JCB..
- Agricultural tractors: Claas-Renault, New Holland (NH 520B/ 520C), Ford (M2C104A)
- 4 wheel drive passenger cars and all terrain vehicles

CUSTOMER BENEFITS

High technical performance

- Protects heavily loaded and stressed gearsets against wear, scuffing and scoring operating over a wide temperature range.
- High cleanliness of limited slip discs and the full treat rate of the limited slip meets all known limited slip requirements
- Oxidation, rust and corrosion inhibited and foam resistant
- Excellent compatibility with seals and disk friction materials

CHARACTERISTICS

TYPICAL PROPERTIES—DYNATRANS DA	
SAE Grade	80W-90
Density at 60 °F	0.895
Viscosity @ 40 °C, cSt, ASTM D-445	132
Viscosity @ 100 °C, cSt, ASTM D-445	14
Viscosity index ASTM D-2270	103
Flash point, °F (°C) ASTM D-93	425 (218)
Brookfield viscosity, cps ASTM D-2983	84,000@-26 °C
Pour Point °F (°C) ASTM D-97	-17 (-27)
Timken OK Load, lbs ASTM D-2783	60
4-ball EP weld point, kg ASTM D 2783	400
Limited slip treat rate	5%

TOTAL Lubricants USA, Inc.

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