

Balmerol® Prototrans TO4

Mineral Oil based Transmission & Hydraulic Oils

Product Data Sheet

Product Description

BALMEROL PROTOTRANS TO4 oils are high performance transmission (both power shift as well as mechanical) and hydraulic oils designed for heavy duty equipment. It provides superior wear protection and load carrying which results in extended machine life and reduced downtime. BALMEROL PROTOTRANS TO4 oils can be used throughout the drivetrain and hydraulics wherever high friction fluids are required. BALMEROL PROTOTRANS TO4 oils eliminate the chatter in wet brake mechanism and protect drive train gear against wear, also minimize wear in high pressure hydraulic pump system. BALMEROL PROTOTRANS TO4 oils meets Caterpillar TO4, TO4M, TO2, Allison C4, Allison TES 439, ZF TE ML 03 C, 07D & 07F, Eaton Vicker I 280 S and Dana power shift.

Applications

BALMEROL PROTOTRANS TO4 oils are recommended for all types of trucks, bulldozers, civil engineering, farming machines, generators, buses etc.

Availability

BALMEROL PROTOTRANS TO4 oil is normally available in drum and pail.

Typical Data

BALMEROL Prototrans TO4 (Mineral Oil based Transmission & Hydraulic Oils)						
No	Characteristics	Method	SAE 10	SAE 30	SAE 40	SAE 50
1	Appearance	Visual	Clear & Bright			
2	Colour	ASTM D 1500	2.0			
3	Kinematic Viscosity @ 100°C, cst	ASTM D 445	5.94	11.40	15.32	18.83
	Kinematic Viscosity @ 40°C, cst	ASTM D 445	35.27	97.69	154.97	189.19
4	Viscosity Index	ASTM D 2270	112.2	103.5	99.6	111.8
5	Flash point, COC, °C	ASTM D 92	212	216	210	210
6	Total base number, TBN, Mgm KOH/gm	ASTM D 2896	8.9	9.0	8.7	9.0
7	Pour point, °C	ASTM D 97	(-) 12		(-) 15	

Health and Safety

Balmerol PROTOTRANS TO4 is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

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