

Balmerol® Protomac C4 Series

Transmission Oil

Technical Data Sheet

Product Description:

Balmerol Protomac C4 Series oils are manufactured using high viscosity index (VI) baseoil and selected additives. The synergistic blend of additives provides excellent shear stability as well as protects from rust and oxidation. These oils resist foam generation and thereby reduce wear. Balmerol Protomac C4 Series oils meet TES 228 specifications for hydraulic transmission fluid type C4 of Detroit Diesel Allison.

Features & Benefits:

Balmerol Protomac C4 Series oils provide the following benefits:

- Minimize the problem of excessive brake noise and chatter
- Controls friction in the transmission systems
- Minimize clutch slippage
- Compatible with seal materials
- Longer drain interval

Applications / Recommendations:

Balmerol Protomac C4 Series oils are recommended for all commercial power shift transmissions and industrial torque converters.

Typical Properties:

Balmerol Protomac C4 Series		
Properties	C4 SAE 10W	C4 SAE 30
Viscosity, ASTM D 445, cst @ 100°C	5.5	9.3 - 12.5
Viscosity Index, ASTM D 2270	100	90
Pour Point, °C ASTM D 97, Maximum	- 30	- 18
Flash Point, °C ASTM D 92, Minimum	190	215
TBN, mg KOH/g, ASTM D 2896	8	8

Health and Safety:

Balmerol Protomac C4 Series oils are not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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