

EMD/TRANS ENGINE OIL MARINE & RAILROAD

Typical Properties

SAE Grade		
Engine Class	30	40
Viscosity, cSt		
At 40 C	135	180
At 100 C	12.1	14.5
Viscosity Index	76	77
Flash Point, (COC) Deg F	465	480
Pour Point, Deg F	-5	+5
TBN, ASTM D 2896	13	13
Ash, %wt.-Sulfated	1.5	1.5
Zinc Content, ppm	< 10	< 10
Gravity, API @ 60 F	27	24

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Outstanding high-dispersancy, high-alkalinity crankcase oil for railroad and marine diesel engines. Compounded from MVI Base (Mixed-Base/Paraffinic-Napthenic) Oils to reduce hard carbon formation in ring belt area and minimize port blocking in 2-stroke cycle diesel engines. Contains detergent, dispersant, anti-wear, anti-oxidant, corrosion inhibitor, and foam-suppressant additives. The additives used do NOT contain 'zinc-compound' derivatives.

APPLICATIONS

Recommended for use in Electro-Motive Division of General Motors Corporation (EMD), Caterpillar, and other diesel engines operating on higher than normal sulfur distillate-fuel where sulfated ash of +1% is acceptable. Also highly recommended for medium speed industrial engines such as Fairbanks-Morse opposed-piston (OP) engines for which a medium viscosity index oil is the preferred product. In many marine applications this product can be used in both main propulsion engines as well as auxiliaries. Meets API Service Classification Level "CF" and obsolete "CD".