

## PRODUCT DATA SHEET

# MARINA ZF 40

(SAE 40)

## DESCRIPTION

Marina ZF 40 is a non chlorinated zinc free oil developed for medium speed marine and locomotive main propulsion and auxiliary trunk piston diesel engines. This technology is in wide use globally with a proven history of outstanding performance.

Marina ZF 40 provides better engine oil efficiency with excellent ring and liner wear protection, cleaner top decks and reduced piston deposits. It has proven effective in extending oil drain intervals and filter life.

Viscosity - Typical 15.1 cSt @ 100°C  
TBN – 13.0

## APPLICATION

This oil technology has been adopted by most railroads and inland marine operators globally because of improved performance and is approved for use in both GE and EMD locomotive engines as well medium speed marine engines. It is also suitable for medium speed engines, transmissions and hydraulic systems where an SAE 40 monograde oil is specified or indicated. It is suitable for marine main propulsion and auxiliary trunk piston diesel engines.

## STANDARDS

Meets or exceeds the following:

SAE Grade: 40

API: CF/CF-2

LMOA Generation 5

GE Generation 4 Long Life

GE-EMD Field Test

Caterpillar 3500, 3600 series

Detroit Diesel

## CONTAINER SIZES

205 Litres, 20 Litres

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