

Locomotive Diesel Engine Oil

Description

DAYAN LOCOMOTIVE ZF 40 is a Zinc-Free High-performance locomotive diesel Premium engine oil, with a high additives technology formulation. This oil Designed for railway diesel engines operating under severe conditions.

Features and benefits

- Excellent detergent and dispersant additives to prevent deposits and sludge
- High protection against wear, corrosion, and rust
- Outstanding oxidation stability, extending oil life
- Strong alkalinity for compatibility with high-sulfur fuels
- Reduced oil consumption and maintenance costs

Applications

All "DF8Bi" Models Locomotive Engines

Approval

- LMOA GEN. 04

Product and environmental safety

- Minimizes sludge and soot formation for cleaner operation
- Safe handling and disposal according to local environmental regulations

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	LOCOMOTIVE ZF 40
Appearance	Visual	Visual	B. & C.
Color	Rating	ASTM D-1500	L. 4
Density	g/cm ³	ASTM D-1298	0.891
Kvis@100°C	cSt	ASTM D-445	14.2
Kvis@40°C	cSt	-	137.5
VI (Viscosity Index)	-	ASTM D-2270	101
Pour Point	°C	ASTM D-97	-21
Flash Point	°C	ASTM D-92	250
TBN (Total Base Number)	mg KOH/g	ASTM D-2896	15.5
Foam • Seq I • Seq II • Seq III	ml/ ml	ASTM D-892	20/ 0 10/ 0 10/ 0
Water Content	%	Crackle Test	Trace

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.