



# YACCO XAS3 SAE 40

Detergent monograde oil

## USES

**YACCO XAS3 SAE 40** is a mineral detergent oil with specific additives for diesel engines (including supercharged ones) used under normal service conditions. May be used in gasoline engines under non-severe service conditions.

Also suitable for the lubrication of gearboxes, torque converters, and hydraulic systems where the manufacturer recommends SAE 40 engine oil.

This product has a wide range of uses, including agriculture, garden, marine, transport and construction sectors, etc.

### Specifications:

API CF/SF

Caterpillar TO-2 ; MAN 270

Mercedes-Benz MB 228.0

## MAIN PHYSICAL DATA

		Methods	Units	SAE 40
Density at	20°C	ASTM D4052	kg/m <sup>3</sup>	897
Kinematic viscosity at	40°C	ASTM D445	mm <sup>2</sup> /s	145
Kinematic viscosity at	100°C	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity index		ASTM D2270		98
Pour point		ASTM D97	°C	-15
Cleveland Open Cup Flash Point		ASTM D92	°C	240
HTHS viscosity		CEC L-036-90	mPa.s	4.1
Sulphated ash		ASTM D874	mPa.s	1.5
Total Base Number (TBN)		ASTM D2896	mgKOH/g	11



## PROPERTIES & ADVANTAGES

- ▶ Excellent detergent/dispersant properties keep the engine clean.
- ▶ Enhanced anti-wear, anti-oxidation and anti-corrosion properties for optimal protection of the engine or transmissions.
- ▶ Good anti-foam properties provide improved lubrication
- ▶ Reinforced shear resistance for increased viscosity stability in service.
- ▶ Excellent protection against rust



[facebook.com/yaccosas](https://facebook.com/yaccosas)



[twitter.com/yaccosas](https://twitter.com/yaccosas)



[youtube.com](https://youtube.com)

