



# 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 agricultural, garden, marine, transport and construction equipment, etc.

### Specifications:

**API CF/SF**

**Caterpillar TO-2**

**Mercedes-Benz MB 228.0**

## MAIN PHYSICAL DATA

|                                |       | Methods      | Units              | SAE 40 |
|--------------------------------|-------|--------------|--------------------|--------|
| Density at                     | 20°C  | ASTM D4052   | kg/m <sup>3</sup>  | 8957   |
| 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     |



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## 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 and anti-rust properties.
- ▶ Enhanced shear resistance for increased viscosity stability in service.
- ▶ Excellent protection against rust

