



# MONO TRUCK

Codes: **MONO30020, MONO30205, MONO40020, MONO40205, MONO50020, MONO50205**

Issue: **October 2011**

Penrite Mono Truck oils are monograde diesel engine oils formulated from modern additives to ensure protection against wear, corrosion, oil oxidation and sludge. Penrite Mono Truck SAE 40 and SAE 50 meet the requirements of API CF-2 and the low ash requirements of Detroit Diesel.

## Application

Penrite Mono Truck oils are designed for use in all engines that require a monograde oil, including pre 1983 Japanese engines (Mono Truck SAE 30) and Detroit Diesel Two Stroke engines. It is also suitable for many older design small diesel engines used in fishing boats and trawlers, and in stationary engines. It may be used in the following engines:

Gardner-Denver	Daihatsu	Delta	Belarus
Allis Chalmers	Yanmar	Detroit Diesel*	Dorman
Fiat	Ford	Hino	Iseki
Honda	International	Isuzu	John Deere
Kawasaki	Shibauru	Kohler	Kubota
Leyland	Lister Petter	Lombardini	Komatsu
Nissan	Onan	Perkins	Ruston
			Waukesha

The **SAE 30** grade may also be used in Komatsu powershift transmissions and Allison transmissions requiring C3 oils. The **SAE 40** grade is primarily designed for use in Detroit Diesel Two Stroke engines. The **SAE 50** grade is recommended in higher ambient conditions and may also be used in manual transmissions requiring API GL1 90 or API CC/CD 50 engine oils. It is the only viscosity grade that should be used in Detroit Series 149 engines.

## Customer Benefits

- Balanced additives and low ash formulation minimises engine and combustion chamber deposits.
- Detergent and dispersant package prolongs engine life by maintaining engine cleanliness.
- The SAE 40 and SAE 50 can assist in reducing oil consumption in older engines requiring monograde oils.

## Industry Specifications

API CF-2/CF/SF	ACEA E1 (SAE 30)	API CF-2/CF/SG (SAE 30)	Allison C3 (SAE 30)
Mercedes Benz 228.0 (SAE 30)	MIL-L-2104F (SAE 30, 40)	Mack EO-K/2 (SAE 30, 40)	Mercedes Benz 227.0
Detroit 7SE-270	Caterpillar TO-2		

## Typical Data

SAE Grade	30	40	50
Density at 15°C, kg/L	0.880	0.877	0.878
Viscosity, Kinematic, cSt			
at 40°C	84	126	196
at 100°C	10.6	13.8	19.4
Viscosity Index	111	107	112
Zinc, mass %	0.129	0.092	0.077
Sulphated Ash, mass %	1.30	0.93	0.77
Base Number	9.5	6.8	5.6



Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. A MSDS is available on request.

**PENRITE OIL COMPANY PTY LTD**, 88 Lewis Road, Wantirna South Victoria AUSTRALIA 3152, ABN 25 005 001 525

Enquiries: Phone 1300-PENRITE (1300 736 7483)

Fax: 1800-PENRITE (1800 736 7483)

International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977

**New Zealand** Ph: 0800 533 698, Fax: 0508 736 748

**United Kingdom and EU** Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234

Website: [www.penriteoil.com](http://www.penriteoil.com), Email: [penrite@penriteoil.com](mailto:penrite@penriteoil.com)

**PROUDLY AUSTRALIAN  
FAMILY OWNED  
SINCE 1926**

