

# TECHNICAL DATA SHEET

## TURBOIL 30



### DESCRIPTION

Turboil 30 is a high quality low ash monograde diesel engine oil for naturally aspirated and diesel engines. It is suitable for a large range of 4 stroke diesel engines. It can also be used in 4 stroke petrol engines, where this grade is appropriate.

### SUMMARY OF BENEFITS

- Turboil 30 is a cost efficient oil for older engines or those requiring API CF, CF-2/SG or lower performance
- Low ash formulation minimises valve deposits
- May be used in those transmission applications requiring Caterpillar TO-2 or Allison C3 performance

### SUITABLE FOR



### SPECIFICATIONS

- SAE VISCOSITY 30
- API CF4, CF-2, SG
- MIL-L-2104D & E
- ALLISON C4
- CATERPILLAR TO-2

TURBOIL 30 MEETS THE MINIMUM WARRANTY REQUIREMENTS OF MANY JAPANESE DIESEL ENGINES. IT ALSO MEETS THE REQUIREMENTS OF MANY OLDER ENGINES SUCH AS LEYLAND, INTERNATIONAL HARVESTER, GARDNER, FIAT AND BEDFORD.

TURBOIL 30	TEST METHOD	UNITS	RESULTS
DENSITY @ 15°C	ASTM D1298	kg/L	0.8684
KINEMATIC VISCOSITY			
@ 40°C	ASTM D445	cSt	96
@ 100°C	ASTM D445	cSt	11.6
VISCOSITY INDEX	ASTM D2270	-	109
POUR POINT	ASTM D97	°C	-18
FLASH POINT (COC)	ASTM D92	°C	224
TOTAL BASE NUMBER	ASTM D2896	mgKOH/g	8
SULPHATED ASH	ASTM D 874	% mass	<1

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

### STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

### AVAILABLE PACK SIZES

IBC - #30004B, 205LT - #30004, 20LT - #32004

January 2023

### GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747  
Phone: 02 9673 9600 - Fax: 02 9623 6466 - Email: sales@gulfwestern.com.au - Web: www.gulfwestern.com.au

# TECHNICAL DATA SHEET

## TURBOIL 40



### DESCRIPTION

Turboil 40 is a high quality, low ash monograde diesel engine oil, specifically formulated for use in Detroit Diesel 2 stroke engines. Turboil 40 is recommended for general use in Detroit 2 stroke engines where the coolant out temperature does not exceed 94°C.

### SUMMARY OF BENEFITS

- Offers excellent protection against corrosion and wear throughout the drain period
- Low ash formulation minimises deposit formation in sensitive Detroit 2 stroke engines
- Additive system ensures freedom from filter blockage throughout the drain period
- May be used in those transmission applications requiring Caterpillar TO-2 or Allison C3 performance
- Suited to marine applications that use normal diesel fuel (do not run high sulfur fuels)

### SPECIFICATIONS

- SAE VISCOSITY 40
- API CF4, CF-2, SG
- MIL-L-2104D & E
- ALLISON C4
- CATERPILLAR TO-2
- DETROIT DIESEL 7SE2709505

### SUITABLE FOR



TURBOIL 40	TEST METHOD	UNITS	RESULTS
DENSITY @ 15°C	ASTM D1298	kg/L	0.8722
KINEMATIC VISCOSITY			
@ 40°C	ASTM D445	cSt	145
@ 100°C	ASTM D445	cSt	15.3
VISCOSITY INDEX	ASTM D2270	-	103
POUR POINT	ASTM D97	°C	-15
FLASH POINT (COC)	ASTM D92	°C	230
TOTAL BASE NUMBER	ASTM D2896	mgKOH/g	8
SULPHATED ASH	ASTM D874	% mass	<1

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

### STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

### AVAILABLE PACK SIZES

IBC - #30005B, 205LT - #30005, 20LT - #32005

January 2023

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