



# GULF WESTERN OIL

## THE TOUGH AUSTRALIAN

### INDUSTRIAL/OFF HIGHWAY

## TECHNICAL DATA SHEET

# TOP DOG® INDESTRUCTIBLE

### SUMMARY OF BENEFITS

- Increased fuel economy through reduced friction
- Extended drain intervals compared to earlier generation API grades
- Vastly improved oxidation control
- Suitable for EGR (exhaust gas recirculation) or SCR (selective catalytic reduction) emission control system
- Low SAPS formulation offering suitability for Diesel Particulate Filters
- Better discrepancy compared to conventional API CK-4 and CJ-4 specifications resulting in cleaner engines that offer increased service life
- Improved shear stability resulting in decreased oil consumption

### SPECIFICATIONS

- SAE 15W-40 • API licensed CK-4/ CJ-4/ CI-4 Plus/ CI-4/ CH-4 • ACEA E9-16, E7-16 • CAT ECF-3 • Ford WSS-M2C171-F1
- Cummins CES 20086 registered • Detroit Diesel DFS93K222 • Mack EOS-4.5 • Volvo VDS 4.5 • Renault VI RLD-4 • MB 228.31
- MAN 3575 • Deutz DQC III-10 LA • JASO DH-2

### TYPICAL PROPERTIES

CHARACTERISTICS	TEST METHOD	UNITS	RESULTS
Density @ 15°C	ASTM D1298	Kg/L	0.875
Kinematic Viscosity @ 40°C @ 100°C	ASTM D445	cSt	120
	ASTM D445	cSt	15.5
Viscosity Index	ASTM D2270	-	141
Apparent Viscosity at -20°C	ASTM D5293	cP	5000
Pour Point	ASTM D97	°C	-30
Flash Point (COC)	ASTM D92	°C	210
Total Base Number	ASTM D2896	mgKOH/g	10.2
Sulphated Ash	ASTM D874	% mass	<1.00

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

### STORAGE

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.

### AVAILABLE PACK SIZES

IBC - 300021B, 205lt - 300021, 20lt - 320021

### HEALTH, SAFETY AND ENVIRONMENT

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.