

# **AFRIQ AFRISTAR 2000 15W40 SL CI4**

#### DESCRIPTION

High performance, heavy duty diesel engine oil formulated for use in a wide variety of European, Japanese and North American diesel and petrol engines operating under the most severe service conditions. Designed to provide improved engine protection and increased oil life. Compatible with low-emission engine technology used in road transport, construction, mining and many other industries.

#### **APPLICATION**

Modern high power heavy duty diesel engines in mixes fleets of European, Japanese and North American manufacturers in both on-road and off-highway applications. Mixed fleets of diesel and petrol vehicles. High-tech, electronically controlled and low emission engines. Normally aspirated, turbocharged and supercharged engines with or without intercooling. EGR engines experiencing high soot loadings. Agricultural equipment, marine and stationary engines.

#### **BENEFITS**

Excellent protection against engine wear and bore polishing. Improved engine cleanliness and reduced piston deposits. Extended oil drain intervals and less maintenance costs, even in older engines. Reduced downtime and prolonged engine life. Universal engine oil for cars, trucks and off-road applications.

### PERFORMANCE SPECIFICATIONS

- ACEA E7-04
- API CI-4, CG-4, CF-4, CF, SL
- JASO DH-1
- GLOBAL DHD-1
- ALLISON C4
- CATTERPILLAR ECF 1A
- CUMMINS CES 20076, 20077, 20078
- DEUTZ DQC-III
- MACK EO-M, EO-M PLUS
- MAN M 3275
- MERCEDEZ BENZ 228.3
- MTU TYPE-2
- RENAULT TRUCK RLD-2
- VOLVO VDS-3



## TYPICAL PHYSICAL CHARACTERISTICS

SAE Viscosity Grade		SAE 15W40
Vinamatic Viccocity	ASTM D445	
Kinematic Viscosity mm²/s 40 ∘ C	ASTIVI D443	109.6
mm²/s 100 ° C		14.7
Viscosity Index		138
Base Number; mgKOH/g	ASTM D2896	12
20 ∘ C (ASTM D 2602)	ASTM D4739	11
Sulphated Ash; mass %	ASTM D874	1.45
Density @ 15 ° C kg/l	ASTM D4052	0.89
Flash Point (COC) · C	ASTM D92	233
Pour Point · C	ASTM D97	-36
ZINC; MASS %	ASTM D4951	0.12