

UNILAND DELTON TURBO DIESEL CF/SF

UNILAND DELTON TURBO DIESEL CF/SF is a high viscosity diesel oil, intensified with a group of detergents and dispersant additives. This product has sufficient alkalinity to alleviate the negative effects of diesel fuel typically containing high levels of sulfur and polycyclic hydrocarbons.

APPLICATION

UNILAND DELTON TURBO DIESEL CF/SF is suitable for turbocharged or non-turbocharged diesel engines of industrial, construction and agricultural vehicles operating under heavy load conditions in hot climate countries, such as Iraq, Azerbaijan, Georgia and various regions of the Middle East, South-east Asia and Africa. It is suitable for application in transmissions with differentials, airborne transmissions, final drives and gear boxes with power switch, where use of engine oil is allowed. In mixed vehicles fleets it could be used in gasoline engines, where use of oil with these specifications and viscosity is recommended by the manufacturer.

SPECIFICATIONS / APPROVALS

- API CF/SF
- ACEA E2-96#5
- CATERPILLAR TO-2
- MAN 270
- MERCEDES-BENZ 228.0
- MIL-L2104C
- MTU Type 1

APPLICATION BENEFITS

UNILAND DELTON TURBO DIESEL CF/SF provides:

- Minimum oil consumption through burning
- Protection against wear and cleanliness of the cylinder/piston group
- Reduction in sludge and harmful deposits formation
- Neutralization of the acid formed when using fuel with higher sulphur content

UNILAND DELTON TURBO DIESEL CF/SF meets the latest requirements of the following manufacturers of commercial diesel machinery: CUMMINS, DAF, FORD, FUSO, HINO, HYUNDAI, ISUZU, IVECO, MAN, MERCEDES-BENZ, RENAULT, UD TRUCKS, SCANIA, VOLVO and others.

TECHNICAL CHARACTERISTICS

Technical property	Method	Result			
SAE Viscosity grade	SAE J300	10W	30	40	50
Density at 15°C	ASTM D-4052	0.8658	0.8847	0.8893	0.8931
Flash point, °C	ASTM D-92	210	244	246	256
TBN (mg KOH/g)	ASTM D-2896	7.9	7.9	7.9	7.9
Pour point, °C	ASTM D-97	-30	-18	-15	-12
Colour	ASTM D-1500	<3.5	<3.5	<3.5	<3.5
Viscosity index	ASTM D-2270	116	99	105	104
Kinematic viscosity at 40°C (cSt)	ASTM D-445	33.81	106.3	139.2	213.9
Kinematic viscosity at 100°C (cSt)	ASTM D-445	5.854	11.83	14.69	19.58

Due to continual product research and development, the information contained herein is subject to change without notification.

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