

VOYAGER UNIVERSAL S3 415

DESCRIPTION

VOYAGER UNIVERSAL S3 415 is 15 TBN oil. It is a high performance diesel engine oil of CF quality for use in engines operating on relatively high sulphur fuels. It is formulated from high quality base oils and additives. It is high alkaline-reserve oil suitable for medium and high-speed diesel engines using high sulphur distillate fuels.

APPLICATIONS

VOYAGER UNIVERSAL S3 415 is recommended for use in high-output diesel engines where service factors require this quality of oil. It is suitable for Caterpillar pre-combustion type engines and other diesel engines using high sulphur fuel.

BENEFITS

- Excellent protection against corrosive wear in severe diesel service.
- Minimize rust and corrosion.
- Good detergent and dispersant properties.
- Contain high alkalinity reserve.

PERFORMANCE LEVEL

APICF

PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE	TEST METHOD
Grade		-	S3 415	-
Specific Gravity	@ 15°C	-	0.8986	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	135.0	ASTM D-445
	@ 100°C	mm ² /s	13.75	ASTM D-445
Viscosity Index		-	97	ASTM D-2270
Flash Point	COC	°C	250	ASTM D-92
Pour Point		°C	-15	ASTM D-97
Base Number		mg KOH/g	15.5	ASTM D-2896
Color		-	3.0	ASTM D-1500