

VOYAGER UNIVERSAL S3 420, 520

DESCRIPTION

VOYAGER UNIVERSAL S3 420, 520 are 20 TBN oils. They are high performance diesel engine oils of CF quality for use in engines operating on relatively high sulphur fuels. They are formulated from high quality base oils and additives. They are high alkaline-reserve oils suitable for medium and high-speed diesel engines using high sulphur distillate fuels.

APPLICATIONS

VOYAGER UNIVERSAL S3 420, 520 are recommended for use in high-output diesel engines where service factors require this quality of oil. They are 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 420	S3 520	-
Specific Gravity	@ 15°C	-	0.9000	0.9030	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	134.5	198.0	ASTM D-445
	@ 100°C	mm ² /s	13.75	17.75	ASTM D-445
Viscosity Index		-	98	97	ASTM D-2270
Flash Point	COC	°C	250	260	ASTM D-92
Pour Point		°C	-15	-9	ASTM D-97
Base Number		mg KOH/g	20.5	20.5	ASTM D-2896
Color		-	3.0	3.5	ASTM D-1500