cyclon® ENGINEERED TO PERFORM

TECHNICAL PRODUCT SHEET

MAX SPR A3/B4

15W—40, 15W—50, 20W—50

DESCRIPTION

MAX SPR A3/B4 lubricants are high-performance mineral lubricants designed for 4-stroke gasoline and diesel passenger car engines. Formulated with an advanced additive system, they deliver excellent engine cleanliness and durable protection against carbon deposit formation in critical components, including turbochargers. Their robust performance characteristics meet the stringent requirements set by leading European, Japanese, and U.S. automotive manufacturers, ensuring reliable lubrication and long-term engine durability.

APPLICATIONS

MAX SPR A3/B4 lubricants suitable for passenger cars with or without catalytic converters, including turbocharged and multi-valve engine designs. Their formulation supports high-revving direct and indirect injection engines found in cars and small trucks, and they are also appropriate for light-duty diesel applications. Designed for reliable, all-season performance under normal operating conditions, these lubricants provide stable protection and are particularly well-suited for older-technology vehicles requiring robust mineral-based engine oils.

SPECIFICATIONS

API	SL *(Approved for 15W-40)*	VW	501.01/505.00
API	CF	MB	229.1
ACEA	A3/B3	JASO	MA2 (15W-50, 20W-50)
ACEA	A3/B4		

PROPERTIES

MAX SPR A3/B4 These multigrade lubricants feature a high viscosity index, ensuring stable film strength and consistent protection across wide temperature variations. Their low-volatility formulation minimizes oil consumption, while the low ash content supports cleaner engine operation. Advanced anti-wear and anti-rust additives safeguard critical engine components, and the oil's exceptional thermal and oxidation stability ensures long-lasting performance under demanding operating conditions.

BENEFITS

MAX SPR A3/B4 series offers improved pumpability and reliable protection during cold start-up, ensuring consistent all-season performance. Its optimized volatility minimizes oil consumption and supports extended drain intervals, contributing to reduced operating and maintenance costs. The formulation promotes longer catalyst life and effectively limits hard deposit and sludge formation under high-temperature conditions, enhancing overall engine cleanliness and efficiency.

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PHYSICAL-CHEMICAL CHARACTERISTICS

MAX SPR A3/B4	METHOD	SAE 15W-40	SAE 15W-50	SAE 20W-50
Density at 15°C, g/cm^3	ASTM D4052	0.875	0.870	0.883
Dynamic viscosity, °C/cP	ASTM D5293	-20°C/6,000	-20°C/6,000	-15°C/7,500
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.0	18.8	19.1
Viscosity, Kinematic (cSt) 40°C	ASTM D445	101.5	144.0	171.5
Viscosity index	ASTM D2270	140	148	127
TBN, mgKOH/g	ASTM D2896	9.0	9.0	9.0
Flash point, COC, °C	ASTM D92	232	234	238
Pour point, °C	ASTM D97	-30	-30	-27

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.