

**SMART
LUBES****SMART LUBES****Product Data Sheet**

Smart lubes RACE 5W-30 A5

Non-stop protection from every start.

Description

Clinging molecules, reinvented.

Traffic congestion has increased dramatically; today even a normal driver can stop and start up to 18,000 times¹ a year. That's annoying, but worse, it slowly damages your engine – permanently.

Uniquely, Smartlubes RACE's breakthrough DUALOCK molecules cling to critical engine parts and lock together to:

- Form a powerful force field of protection
- Dramatically reduce both warm-up² and stop-start³ wear by 50%
- Deliver unique patented protection designed specifically for modern driving

Non-stop protection from every start.

¹ Global average from 50 cities, Smartlubes RACE STOP-START Index

² Tested versus the Sequence IVA API SN wear limit.

³ Tested versus the CEC OM646LA ACEA wear limits.

Application

Smartlubes RACE 5W-30 A5 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A1/B1, A5/B5, API SN, ILSAC GF-5 or earlier specification 5W-30 lubricant.

Smartlubes RACE 5W-30 A5 is approved for use in vehicles where a 5W-30 lubricant that Meets - Ford WSS-M2C913-C/WSS-M2C913-D is required, please refer to your owners handbook.

Typical Characteristics

Name	Method	Units	Smart lubes RACE 5W-30 A5
Density @ 15C, Relative	ASTM D4052	g/ml	0.851
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	10.1
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	4200
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	57
Viscosity Index	ASTM D2270	None	167
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	200
Ash, Sulphated	ASTM D874	% wt	1.21

Product Performance Claims

ACEA A1/B1, A5/B5

API SN

ILSAC GF-5

Meets - Ford WSS-M2C913-C/WSS-M2C913-D

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.