



Texaco Ursa® Super LA Monogrades

High performance heavy-duty monograde diesel engine lubricants

Product Data Sheet



Customer benefits

Economic, mixed fleet application

Ursa Super LA Monograde lubricants are formulated with quality solvent refined base stocks and additive systems designed to deliver reliable performance and protection.

This flexible and versatile product range is suitable for mixed fleet operations, and delivers reliable engine protection to on- and off-highway heavy-duty trucks, construction equipment, mining equipment and farm machinery working under varying operating conditions.

Ursa Super LA Monogrades also meet the transmission fluid requirements for a range of off highway applications.

Ursa Super LA Monograde's additive packages provide engine protection under a wide range of operating conditions, preventing engine wear and bearing corrosion as well as offering stable friction control to powershift transmissions over a long service period. The Ursa Super LA Monograde range features the following:

- Ursa Super LA 10W
- Ursa Super LA 20W-20
- Ursa Super LA 30
- Ursa Super LA 40
- Ursa Super LA 50

Proven lubrication technology

Proven in extensive testing programmes, Ursa Super LA Monogrades offer good keep-clean performance, resisting oil thickening and the formation of high temperature deposits such as varnish or black sludge.

This keep-clean performance also provides effective detergency and dispersancy engine cleanliness, maintaining good extended engine service and performance. These lubricants are formulated with foam control additives designed to deliver durable lubrication performance and improved engine service life.

Product features:

Ursa Super LA Monograde lubricants deliver good quality protection to heavy-duty diesel engines as well as diesel and gasoline passenger cars.



Applications

- Recommended for use in naturally aspirated and turbocharged on- and off-highway heavy-duty trucks, construction equipment, mining equipment and farm machinery.
- Recommended for use in naturally aspirated and turbocharged diesel and gasoline passenger car engines.

Recommendations and approvals

Ursa Super LA Monogrades meet the following international diesel engine oil performance requirements:

- | | | |
|--------|-----------------|--------------|
| • API | CF | all |
| • SJ | - | (30, 40, 50) |
| • ACEA | E2-96 (issue 5) | (30, 40, 50) |

Manufacturers approvals

- | | | |
|---------------|--------|----------------------|
| • MAN | 270 | (30, 40, 50, 20W-20) |
| • MB-Approval | 228.0 | (30, 40, 50) |
| • MTU | Type 1 | (30 and 40) |

Texaco Ursa Super LA can also be used in commercial and off highway engines of manufacturers which do not issue approvals but do require a minimum performance level such as API or ACEA. These manufactures include Iveco, Renault, DAF, Scania, Caterpillar.



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continued

Product specifications

URSA SUPER LA MONOGRADES TYPICAL DATA TEST	TEST METHODS	RESULTS				
		10W	20W-20	30	40	50
Viscosity Grade						
Density, 15 °C, kg/l	ASTM D4052	0.88	0.88	0.88	0.89	0.89
Visc, Kinematic, 40 °C, mm²/s	ISO 3104	40.6	60.5	87.4	138.6	202.2
Visc, Kinematic, 100 °C, mm²/s	ISO 3104	6.6	8.6	10.8	14.5	18.6
Viscosity Index	ISO 2909	117	114	108	103	102
Pour Point, °C	ISO 3016	-30	-30	-27	-24	-30
Flash Point COC, °C	ISO 2592	218	232	230	236	254
Total Base Number, mg KOH/g	ISO 3771	9.5	9.5	9.5	9.5	9.5
Sulphated Ash, %wt	ASTM D0874	1.3	1.3	1.3	1.3	1.3
Colour	ISO 2049	4.5	4.5	4.5	4.5	5.0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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