



Customer benefits

Protects metal surfaces

High load carrying capacity and adhesive properties of the residual base oil ensures that a tough, durable lubricating film is maintained on exposed gears and surfaces.

Good rust protection

Tenacious lubricant coating protects exposed metal surfaces against the elements. The special compounding components in the 2X grade provide additional rust protection by resisting water washout.

Quiet operation of gears

Highly cohesive lubricant coating remains pliable and effectively cushions gears and contacting surfaces.

Applications

Can include:

- Open gears (e.g., mining, quarrying, construction and dredging equipment).
- Chains and sprockets.
- Wire ropes.
- Flexible couplings.
- Sliding surfaces (e.g., drag lines and shovels).
- Enclosed gears where leakage is excessive with conventional lubricants.
- Locomotive traction motor gearcases when required a residual or asphaltic product by the manufacturer.

Product features:

- **Crater®** is a series of black, adhesive, residual oil based lubricants recommended for a range of industrial applications where a heavy lubricating oil is required.
- **Crater® 2X** is compounded to provide improved water resistance, water displacement and rust protection.

Typical key properties

CRATER®				
Grade	2	2X	5	5H
Product Code	530425	530426	530429	530437
AGMA Lubricant No.	-	14R	15R	15R
Flash Point, COC, °C	284	204	290	294
Pour Point, °C	36	-	-	-
Viscosity, mm ² /s @ 100°C	395	470	1015	1120

Minor variations in product typical test data are to be expected in normal manufacturing.

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ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal.

To obtain a MSDS for this product, visit:
www.chevronlubricants.com



Crater®

Service considerations

It is preferable to have gears clean before Crater is applied for the first time. If this is not possible, then several applications may be necessary to clean off the former lubricant and provide a proper film of Crater.

Application frequency and duration must be determined by the equipment operator, in order to minimize wear. Large, open gear tooth wear is not only affected by the lubricant but is also strongly dependent upon proper gear tooth alignment. Proper alignment must be maintained in order to realize maximum gear life.

When heating of Crater is required to facilitate application, a low temperature heating source should be used. The circulation of hot water or exhaust steam through coils in a suitable container is a satisfactory method of heating Crater without generating high surface temperatures that can lead to product degradation. Crater should be heated to the minimum temperature necessary for satisfactory handling.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
- Asia Pacific