

**IT TAKES
A GIANT.**



AN HF SINCLAIR BRAND

IT TAKES DEDICATION. IT TAKES A GIANT.

The rail industry rides on the shoulders of giants like you. People who are dedicated to serving the transportation needs of our country. Your tireless devotion is what drives us at Red Giant Oil.

We understand that you need more than a good product; you need a good partner. For the last century we have been committed to providing true partnership to our customers, earning the trust and loyalty of companies big and small. When you work with us, you'll receive the personal service only Red Giant Oil can deliver backed by the global support of HF Sinclair.

Our highly experienced team is dedicated to understanding you, your operation and your business needs. No other company is more fiercely devoted to doing right by their customers. It's not just our reputation. It's our way of doing business.







IT TAKES STRENGTH. IT TAKES A GIANT.

You give your all to your rail operation day in and day out, facing every long haul, every oversized load, every rushed delivery with strength and resilience. You need a lubricant that can do the same for your big engines.

We put everything into our lubricants, obsessing over the smallest details to make sure our products deliver exceptional performance every day. We understand you may not have the luxury of working with new equipment, so we've specifically formulated our lubricants to increase the life of engines old and new. We only use high-quality base oils and additives, ensuring your equipment will always perform at its best.



OUR PRODUCTS

1. RED GIANT LOCOMOTIVE ENGINE OIL 20W-40 G7

Multi-grade 11 TBN, LMOA Generation 7 level oil



KEY PRODUCT FEATURES

- Ashless-dispersant and non-zinc
- Provides extremely good protection against deposits in the piston ring belt area
- Reduces oil thickening from oxidation
- Protects engines from corrosive wear
- Neutralizes combustion acids
- Extends oil and filter life
- Non-chlorinated for easier used-oil recycling

2. RED GIANT LOCOMOTIVE GOVERNOR OIL 20W-40

Multigrade 11 TBN, ashless-dispersant, non-zinc, non-chlorinated, high-viscosity index oil.

3. RED GIANT INDUSTRIAL OIL

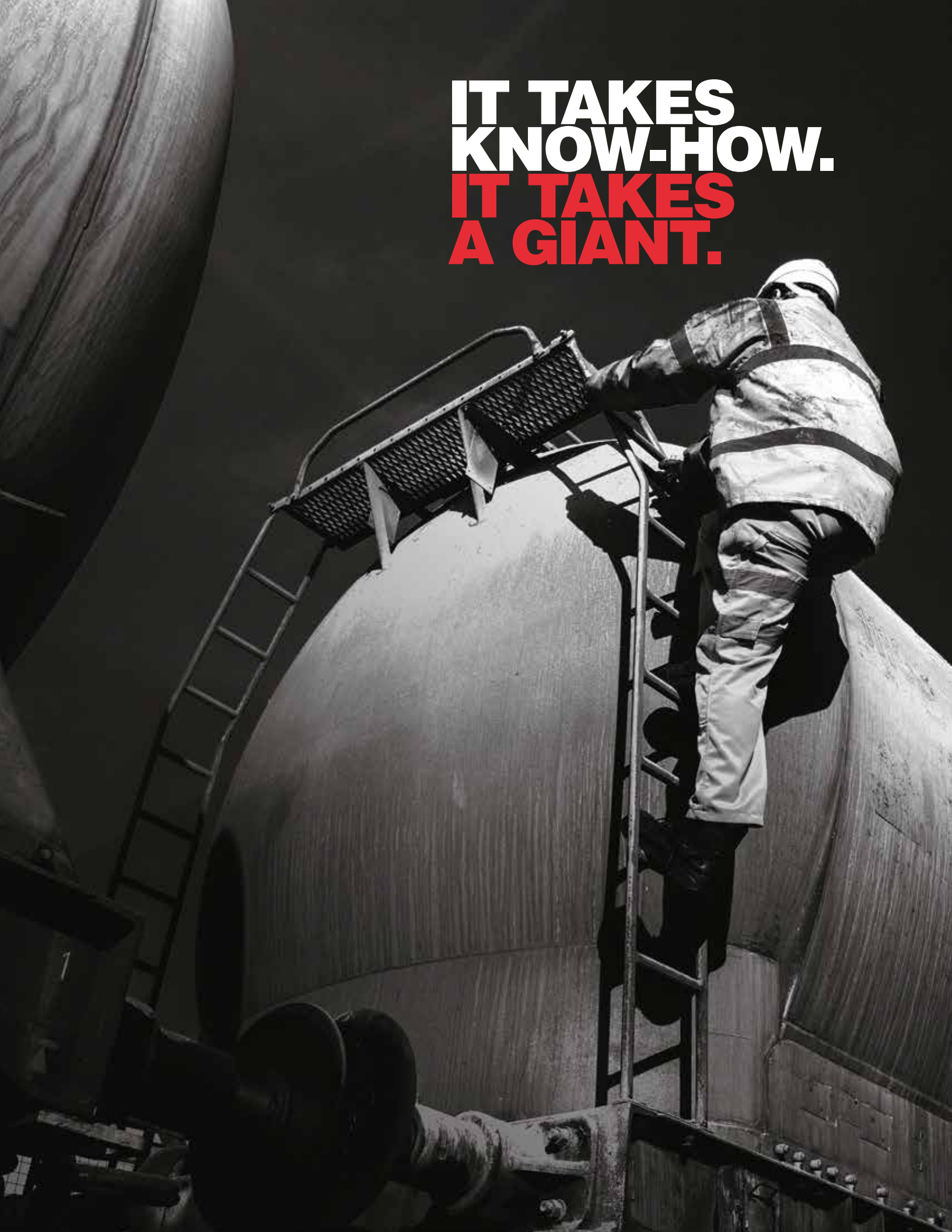
Designed for use in many applications that require protection against rust and oxidation, but do not require anti-wear or extreme pressure additives.

4. RED GIANT LOCOMOTIVE JOURNAL OIL

Formulated with the highest quality oils, Red Giant Locomotive Journal Oil is specifically designed for use in the journal bearings of locomotive and railroad cars.




**IT TAKES
KNOW-HOW.
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PRODUCT APPLICATIONS

Red Giant Locomotive Engine Oil is recommended for turbo-charged or naturally aspirated locomotive, stationary and marine heavy-duty diesel engines and is non-zinc-containing for use in engines that have silver alloy bearings.

RED GIANT LOCOMOTIVE ENGINE OIL 20W-40 G7 IS APPROVED BY:

 Progress Rail (formerly EMD) for EMD 567, 645, 710 and 1010 engines, meeting EPA Tier 4 and previous emission standards

 Wabtec (formerly GE) for GE diesel engines where low and ultra-low sulfur fuels are used, including Tier 4 emission level

TYPICAL PERFORMANCE DATA

TYPICAL INSPECTIONS	ASTM TEST METHOD	RED GIANT LOCOMOTIVE ENGINE OIL 20W-40 G7
SAE Grade	—	20W-40
Density @ 60°F, lbs./gal	D6822	7.300
API Gravity	D287	29.9
Flash Point, °C (°F)	D92	253 (487)
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	D445	138 15.4
Viscosity Index	D2270	115
Cold Cranking @ -15°C, cP	D5293	8380
Pour Point, °C (°F)	D6749	-15 (5)
Base Number, mg KOH/g	D2896	11
Sulfated Ash, % wt	D874	1.12
Elemental Analysis Sulfur, % Zinc, ppm Phosphorus, ppm	D4294 D4951 D4951	0.19 <1 <1

The values quoted above are typical of normal production. They do not constitute a specification.

K250064

25413 GALS
96199 LITERS

E DFT GR
HEELS
(7) D-5 OUTER
(7) D-6 INNER
(2) D-6A INNER
M AAR 24
SE60DE



IT TAKES DETERMINATION. IT TAKES A GIANT.

You go above and beyond to do your job, often burning the midnight oil to get your trains loaded and on their way. We're here to do the same for you, because we believe you deserve nothing less. We treat every customer like a valued member of our family, working around the clock to get you what you need when you need it. Call us old-school, but it's how we like to do business.



We offer confirmed and on-time delivery



We offer emergency load delivery for any size order



Our delivery team communicates directly with you
(no middlemen)



You can choose delivery from dedicated tanker trucks,
rail-partner freight cars, or storage sites across the U.S.



Our tank trailers are designated exclusively for new oil
transportation ensuring you always receive the highest
quality product possible.

IT TAKES EXPERIENCE. IT TAKES A GIANT.

The rail industry is not for the faint of heart. Over the years you've faced the ups and downs of this business and come out with the wisdom and experience of a veteran. Over the last century, we've adapted and improved to meet your evolving needs. We've stayed up-to-date with the product changes you've needed as your engines have grown bigger and more powerful. Through it all we have never wavered from our commitment to support you, and we never will. Because you're more than just our customer.







We're looking forward to meeting you, learning about your needs and partnering with you for the long haul.

Drop Customer Service a line.

(712) 256-4771

Visit us online to learn more, get pricing or start an order.

REDGIANTOIL.COM

Or better yet, come to Iowa and meet us in person.

**1701 SOUTH 3RD ST.
COUNCIL BLUFFS, IA
51503-6873**



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